Veritas Information Map User Guide

VERITAS™

Veritas Information Map User Guide

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Contents

Getting Started

This chapter includes the following topics:

- About Veritas Information Map

- Trial mode restrictions

- Logging in to Veritas Information Map

About Veritas Information Map

Veritas Information Map provides intelligence about the data that resides on your Network Attached Storage (NAS) devices and cloud storage repositories across geographical locations. It lets you collect information about the data on your various content sources such as Windows file servers, Linux and UNIX file servers, Network Attached Storage (NAS) devices, and the Amazon S3 cloud buckets to help you visualize the information that is stored within your organization and on public cloud platforms.

Information Map uses the file and folder metadata from the [Veritas] NetBackup catalog stored on the NetBackup master servers. Additionally, Information Map also discovers cloud storage objects (such as Amazon S3) via the Veritas Cloud Agent to help customers visualize data stored within their Amazon S3 cloud accounts. It then processes this information and displays various perspectives of the data in your environment in the Information Map console.

Use the Information Map application console to visualize the geographical location of the information stored within your file systems. You can click on a location widget in the Information Map and drill-down to the detailed dashboard view for that location. The dashboard view displays various tiles that enable you to identify the following:

- The total file volume for configured locations which helps you quickly review the volume of information that you are managing.

- The size and count of the data set that is old or no longer in use.

- Non-business information which is being stored on the primary file servers which has no relevance to your organization.

- Files that do not have an Active Directory owner.

- The top locations, content sources, and containers such as shares and folders that are the biggest contributors to your data volume.

- A summary of the data types that is stored on your file systems which contribute towards the volume of the data. For example, .ppt, .docx, .pdf, etc.

- The total size against the age of the data based on the created, modified, or the last accessed date.

You can use the intelligence that Information Map provides for the following purposes:

- File system visibility
  You can use the visibility that Information Map provides to take decisions such as moving the stale, orphan, or non-business data to cheaper or secondary storage tiers.

- Information analytics
  Information Map helps you map the location of the information in your organization to help you find the data sets of interest. The analytics that Information Map provides enables you to identify file servers and shares that may need to be protected or monitored closely.

Information Map drives the following use cases:

Intelligent storage use cases

- Decommission servers and shares - By identifying file servers and shares with little activity on them, you can make decisions to decommission, migrate or re-purpose the storage resources.

- Address stale data - By identifying information which is old or no longer in use, you can decide to delete, to archive, or to move to a more appropriate storage tier.

- Address non-business data - By identifying information that is of non-typical business use, like MP3s and videos, you can alleviate the disproportional strain on storage capacity of such file types by archiving or deleting.

- Adopt orphan information - By identifying files which lack a current Active Directory owner, you can delete the orphaned information or associate it with an administrator or other custodian.

- Smart migrations - By assessing age and activity of information, you can target the migrations of specific or relevant subsets of information to new storage hardware or cloud systems.

Retention management use cases

- PST identification and retention - By identifying network stored PST files, you can remove them from primary storage. If desired, you can accelerate migration of the PSTs into Veritas Enterprise Vault using Enterprise Vault's PST migration tool set.

Legal, compliance, and security use cases

- Focus eDiscovery collections - Associating potential custodians with their data enables legal teams to focus collection efforts to the specific areas of data owned by the employees involved in a particular matter.

- Enhanced protection for priority shares - By identifying file servers and shares with a high level of activity in them, backup teams are better informed when prioritizing areas of their environment to focus backup and recovery efforts.

- Identify potential rogue applications: Abnormally high levels of activity in file servers or shares can also be a sign of a rogue application working within the server or share which needs to be shutdown.

Trial mode restrictions

You can use Information Map in trial mode, which is a restricted mode.

The following limitations apply to Information Map in trial mode when a content source cap in place:

- Trial Mode is displayed at the top-right corner for all tenants running Information Map in trial mode.

- Metadata collection for all discovered content sources is disabled by default.

- You can only enable collection for content sources up to the capacity configured for your trial.

- Once you enable collection for content sources, you cannot disable it.

- The capped capacity is configurable per tenant.

- The number of enabled content sources and the configured cap is displayed on the content sources page.

- If no cap has been configured, content sources are enabled by default and can be disabled or re-enabled.

Note: The limitations described in this section do not apply to existing Information Map customers.

Logging in to Veritas Information Map

Logging in to Information Map

1 To log in to Information Map for the first time, navigate to
https://infomap.apps.veritas.com/<*Customer Identifier*>. The customer identifier
provided by the Veritas Information Map team.

You must log in using the user credentials provided in the provisioning form.

2 On the Veritas Information Map login page, click **Sign in using Veritas Application Portal**.

3 You will be redirected to the Veritas Application Portal for authentication.

Enter the user credentials to login to the Information Map application.

The Information Map page

This chapter includes the following topics:

- The Information Map page

- Workspace

- Filters

The Information Map page

Once you sign in, the Information Map is displayed. This comprises 6 distinct areas, as shown in the following figure:

For more information about each element on the page, see the following links:

Header bar

The header bar comprises of the following elements:

Information Map icon		Indicates that the product is in use. Click the icon to return to the Workspace view shown on sign-in.
Breadcrumb trail		In this case **Information Map / Map**. This indicates which Workspace view is currently being displayed Click the link to navigate back up the trail.
Notification icon		Displays any notifications. Currently the only notification is of when the on-screen information was last updated.
User icon		Allows you to sign out.

| Help icon | ? | Provides an easy link to the following: |

Provides an easy link to the following:

- Subscription details
  The link provides information about the type of subscription, the duration of the subscription, and the licensed capacity. If a Front-end TB ingestion (FETB) cap is not set, the capacity details are not presented.

  Note: Only users with the Information Map configuration role can view this information.

- Help
- Product tour

Product tour

Click the Help icon to launch the product tour to see an introduction to key features. You can also start the tour automatically when you enter the Dashboard view:

Welcome to Information Map

Information Map is your single pane of glass for visibility and analytics into your organization's information. It provides the insight into where your information is and what it is costing you.

Tip: You can use the arrow keys on your keyboard to continue the Product Tour.

● ● ● ● ● ● ● ● ● ● ● ● ●

Exit   Previous   Next
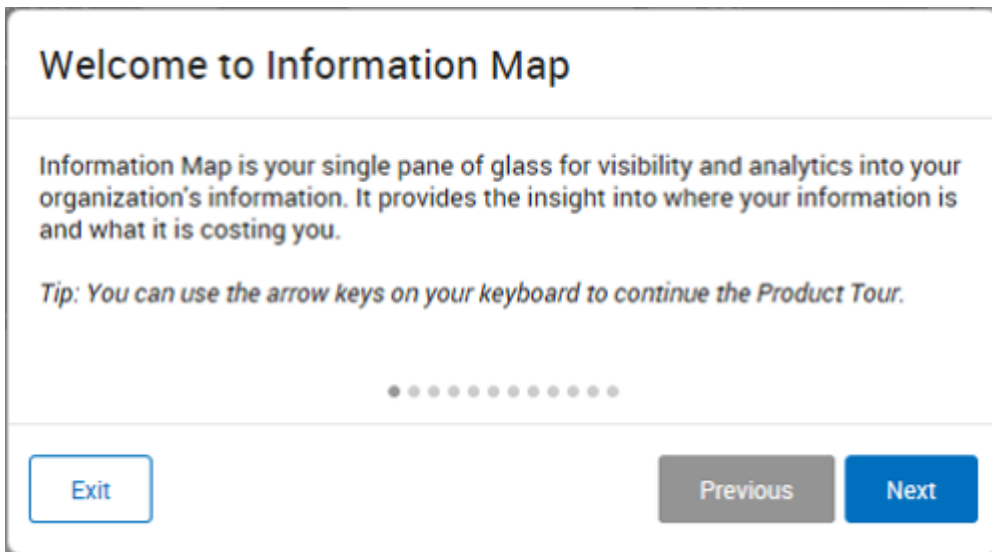
Click **Next** and **Previous** to move forward or back (or right/left cursor keys). Click **Exit** to stop the tour at any time (or press the keyboard Esc key). The product tour will no longer launch automatically once it has been completed.

See

Navigation bar

The navigation bar appears as a set of icons on the left of the page. Hovering over the bar (or clicking the arrow icon on a touch device) expands it to show text describing the function of each icon. Moving off the navigation bar (or clicking the arrow icon) collapses it back to icons only view.

You can use the pin icon to pin the navigation bar open to show text. Click the pin icon again to revert to icons only view.
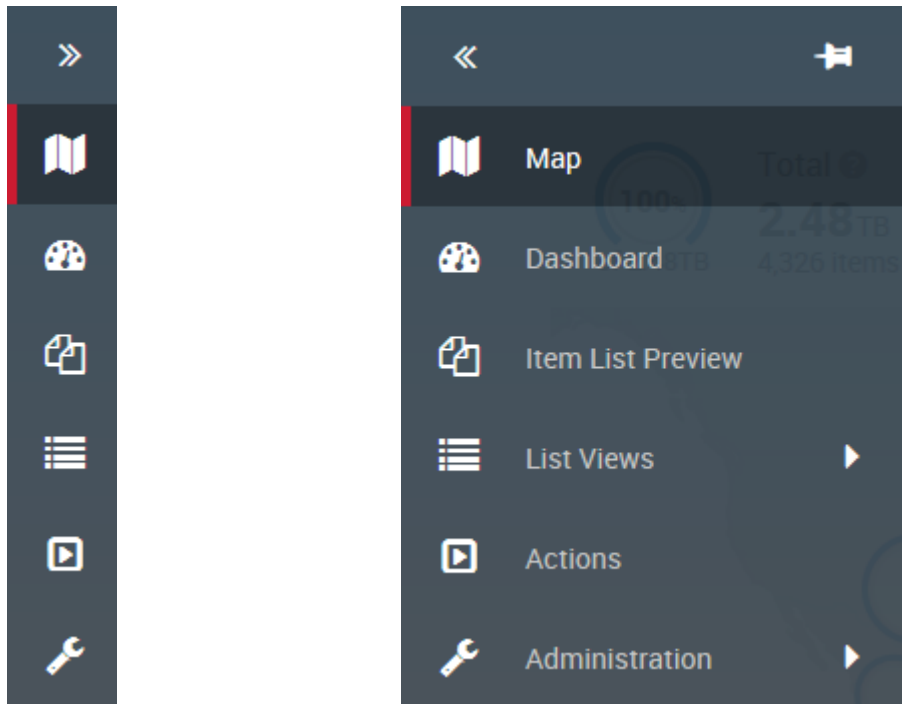
The Administration icon appears only if you have the Administrator role.

The first four entries in the Navigation Bar (Map, Dashboard, Item List Preview, and List Views) are used to select Workspace views appear on the page. Click **List Views** to expand to show the list views which you can select:
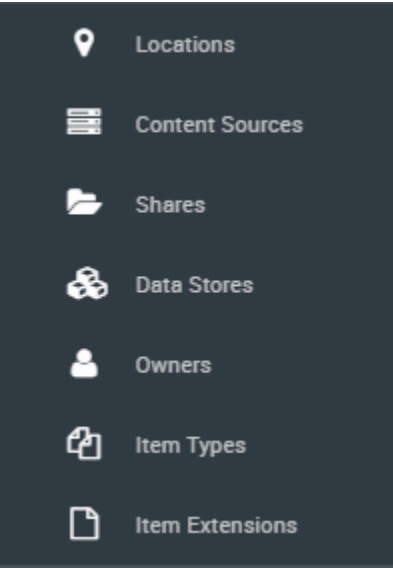
The currently selected workspace view is highlighted with a red bar on the left.

The **Actions** icon takes you to the actions page, where the progress and results of non-interactive processes are listed. Currently the only background process is Export.

Top cards

The four cards near the top of the page provide an immediate read-out of a number of important totals. From left-to-right these are:

- **Total**. The total data visible on the page, including the effects of any data filters applied.
- **Orphaned**. The total data visible on the page which is *orphaned*, that is, data that has no known owner.

- **Stale**. The total data visible on the page which is *stale*. By default, stale data is defined as data which has not been modified in the last 3 years, but your Administrator can change this definition.

- **Non-Business**. The total data visible on the page which is *Non-Business*. By default, non-business data is defined as data of type **Audio**, **Video**, or **Game**, but your Administrator can change this definition.

Each top-card is of similar layout.
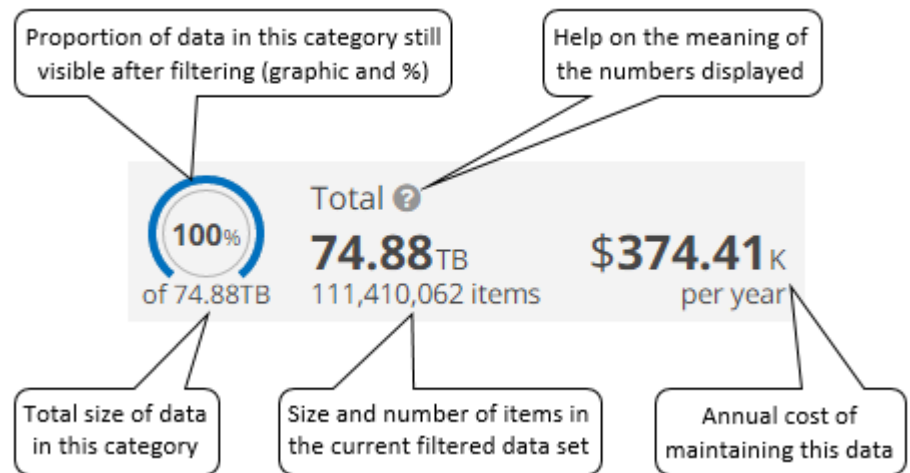
Your administrator can configure whether the cost of information is displayed on the top card. Note also that not all information is displayed if the browser window is narrow, or if shown on a narrow tablet device. In a narrower window, the graphic of the percentage is not shown:

And in a narrower still window, just the data totals are shown:

The icons in the top-right of the Total top-card let you toggle between data totals and cost totals:

Filtering with top-cards

In addition to displaying totals, the top cards can also be used as shortcut filters.

The darker blue indicates that the stale filter has been applied.

All data that is shown in the Map page is now stale. If you look at the filters at the bottom of the page, you will see that the relevant modified ages have been selected. Click **Clear Filters** to clear the filter.

Ages (6)

Created	Modified (6)	Accessed

Name	Size
3 to 6 Months	1.9TB
6 to 9 Months	6.6TB
9 to 12 Months	5.1TB
1 to 2 Years	6.8TB
2 to 3 Years	1.7TB
✔ 3 to 4 Years	648.0GB
✔ 4 to 5 Years	642.3GB
✔ 5 to 6 Years	748.9GB
✔ 6 to 7 Years	766.3GB
✔ 7 to 10 Years	496.1GB
✔ 10+ Years	312.9GB

📅 6 AGES ✖	..ıl All SIZES	🗎 All ITEM TYPES	Clear filters

Advanced filtering using top-cards

100% of 74.88TB

Total ❓
74.88TB
111,410,062 items

$374.41K
per year
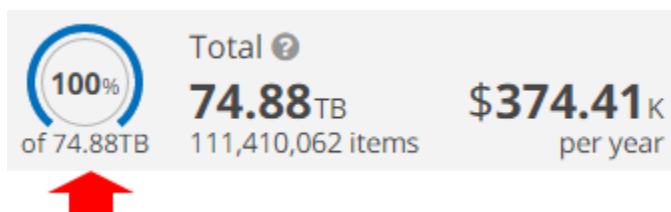
Normally the number indicated (74.88TB) represents the total size of all your data. However, when any data scope filters (Locations, Content Source, Shares) and

any data property filters (Owners, Ages, Sizes, and Item types) are applied, then total represents the number filtered by the data scope filters, while all the other values on the page reflect the effect of all filters.

The reason is first to allow the use to define a data scope of locations, content sources, or shares, using the scope filters, then to be able to analyze the data properties within that scope, while maintaining the total for that scope in mind.

For example, if you first filtered on some content sources you might see the following:
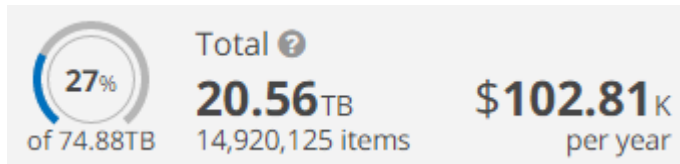
Where, 20.56TB and 14.9M items represent the data on the selected content sources, which is 27% of the total data of 74.88TB. If you now also apply, for example, an Item Type filter you might see that the Content Source (scope) filter has reduced the total to the amount of data representing the scope (20.56TB). While the Item Type (property) filter represents 63% or 13.11TB of this. The other top-cards are unaffected by this distinction and always represent percentages of the total filtered size (13.11TB here).
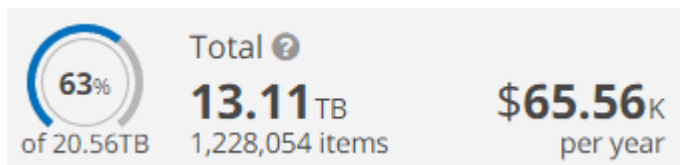
Top-card colors

The top cards can appear in different colors, for example:
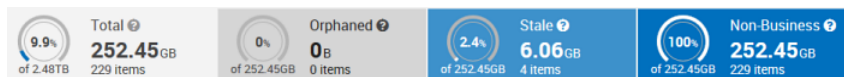
- The total top-card is always shown in light gray and is never selectable.

- A light blue top-card (Stale in this example) is selectable to apply the corresponding filter.

- A dark blue top-card (Non-Business card in this example) indicates that all information on the page is non-business information. You can apply the filter by selecting this top-card, or by using the corresponding individual filters.

- A dark gray top-card (Orphaned card in this example) indicates that there is no data of this type. For example, if you filter owners on value(s) other than orphaned then the **Orphaned** total will be zero. You cannot select such top-cards.

See "Workspace" on page 22.

Workspace controls

The following workspace controls appear near the top-right of the Information Map page.

- The **New Action** option initiates a background action.

New Action ▾

See "About exporting metadata" on page 44.

- In all views except the **Dashboard** view, the cog icon reveals a menu which manages workspaces:

⚙

Workspaces are saved views of the following information.

- The **Map**, **Dashboard**, **Item List Preview** or one of the list views.

- Filter settings (optional).

- In the **Dashboard** this includes the position, visibility, and size of the dashboard tiles displayed.

To manage workspaces

1   On a view other than the Dashboard view, click the cog icon.

2   Click **Load Workspace** to loads a previously stored workspace. Select one of the listed Workspace names to restore that Workspace to the saved state.
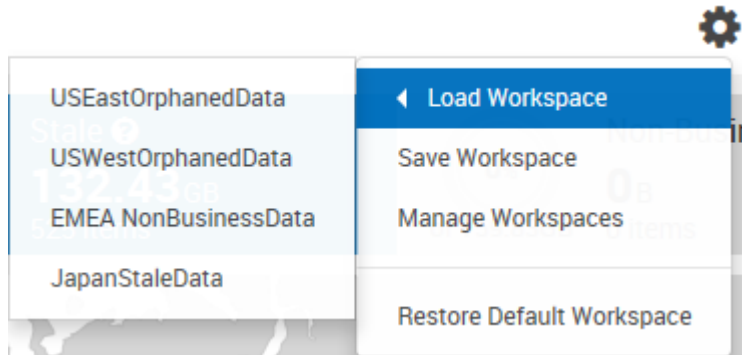
3   Click **Save Workspace** to save the current Workspace, and optionally also the current filter settings.

4 Click **Manage Workspaces** to delete saved workspaces that you do not require any more.

Manage Workspaces

Workspace name ⌃

| EMEA NonBusinessData |
| JapanStaleData |
| USEastOrphanedData |
| USWestOrphanedData |
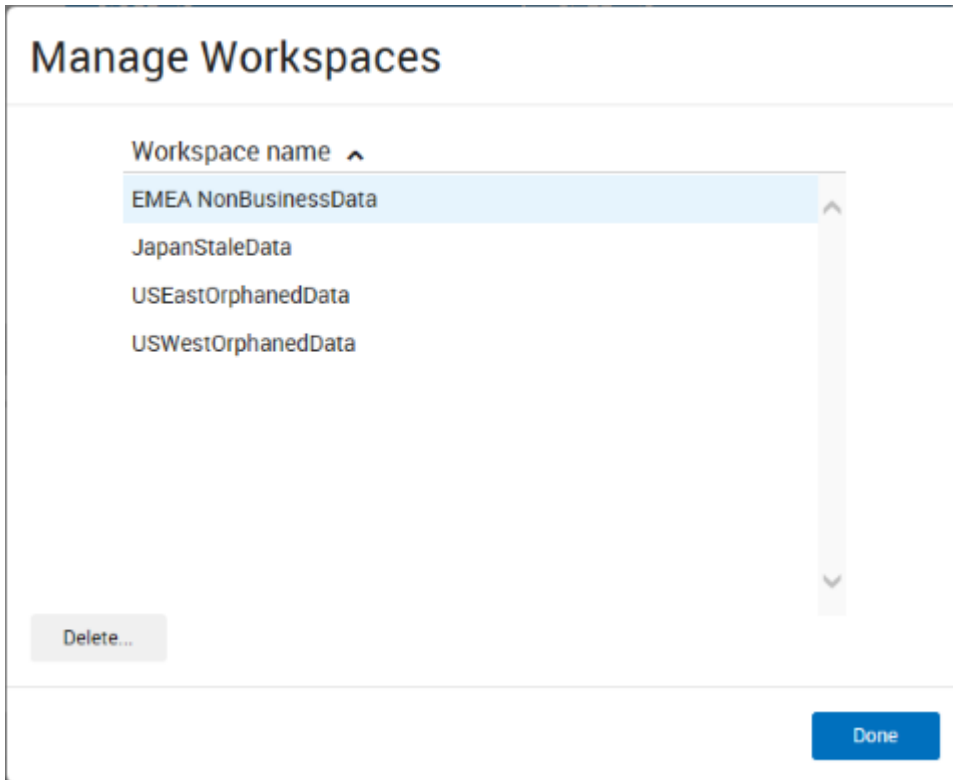
Delete...

Done

Select an unwanted workspace and click **Delete**. You are prompted to confirm the deletion, click **Done** to exit.

5   Click **Restore Default Workspace** to restore the default settings for the current view shown in the **Workspace**. For example, a **Dashboard** view is reset to show all tiles in default sizes and positions, overriding any custom tile options which may have been set.

6   On the **Dashboard** view, the workspace management options are the same for all views. However, in the Dashboard view there are also visibility controls for the Dashboard tiles.
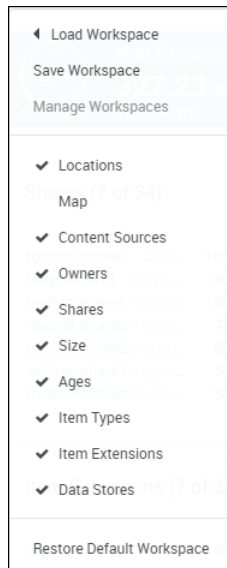
In this case, all `Dashboard` tiles are visible, except the **Map** tile which is hidden. Select the name of a tile in the list to make it visible or hidden. You can also hide a tile from the tile itself, this is how you make a hidden tile visible again.

See "Workspace" on page 22.

Workspace

The Workspace is the main area of the Information Map page and displays the detail of the information set. You can choose from the following views:

- Map view - A geographic map overview of your data center locations.
  See "Map view" on page 36.

- Dashboard view - A detailed breakdown of the content's metadata in a number of tiles.
  See "Dashboard" on page 28.

- Item List Preview - A sample of the metadata that matches your filters.
  See "Item List Preview" on page 39.

- List views - Longer forms of the short lists that appear in the dashboard for the following entities:

  - Locations

  - Content sources

  - Shares

  - Owners

  - Item types

  - Item extensions

  - Data Stores

  See "List views" on page 42.

See "Capturing Map information" on page 54.

Filters

You can apply one or more filters to select the subset of data which is displayed in the **Workspace** and **Top Cards**. This makes it possible to find patterns in information patterns and trends.

For example, if you filter on a location of Sydney and on a modified age of (say) over 10 years then all you will see is data which has not been accessed for over 10 years in your Sydney data centre.

Using simple filters

For example, you want to search for only the files that are greater than 1GB in size. From the filter bar at the bottom of the page, select the **Sizes** filter, and in the list which appears, select the 1GB-5GB and over 5GB filter criteria.
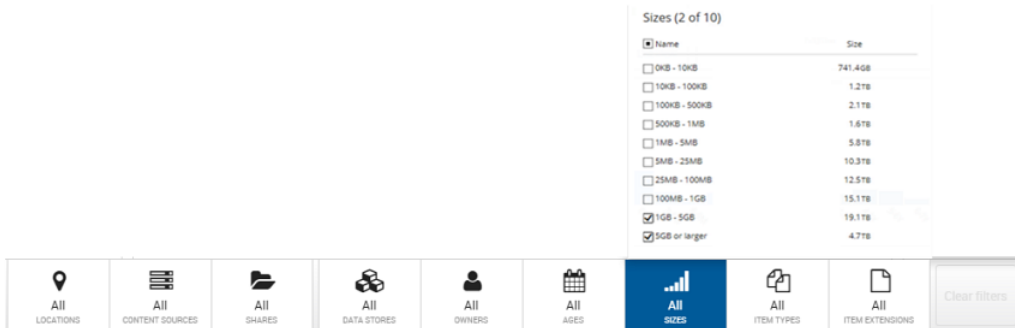
The title shows that you have 2 of the available 10 criteria selected. Now click outside the list to apply the filter. The list disappears and the applied filter will be highlighted, showing that 2 filter criteria have been applied:

All data displayed now relates only to files of 1GB or larger.

You can use the Name check box at the top to select or deselect all filter criteria. A filter may be cleared in one of three ways:

- Open the filter as before and uncheck the selected criteria.

- Click the × in the top-tight corner of the selected filter.

- Click **Clear Filters** on the right to clear all filters.

Long filter lists

Some of the lists may be long, for example Locations, Content Sources or Shares or Owners.
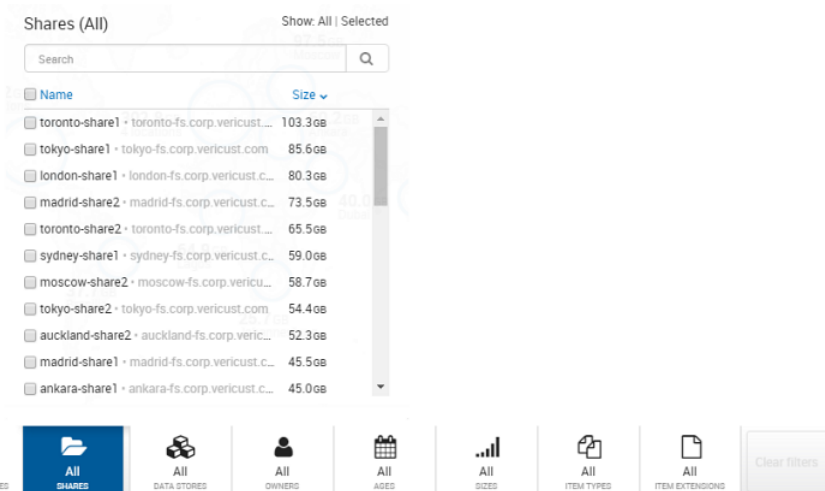
You can scroll the list of filter criteria (shares in this example), but for longer lists it is usually easier to use the search box to reduce the list to a manageable size. Enter a search string and click the magnifying glass.

The search string can include wildcards:

*   Match any number of characters.

?   Match any one character.

There is also an implicit * on the end of the search string, so (for example) searching for "Ne" might match "New York City" and "Newcastle upon Tyne".

For lists of over 1,000 entries, the filter will show only the largest 1,000, as indicated by the **1,000 of 2,009 shares** at the bottom of the filter. If more are needed then search must be used to reduce the list.

The selected criteria remain selected even when they do not appear in the current search term. Thus, the selection list can be built over multiple searches. To see the currently selected filter criteria, click **Selected** in the top-right of the filter box. Click **All** to go back to the full list.
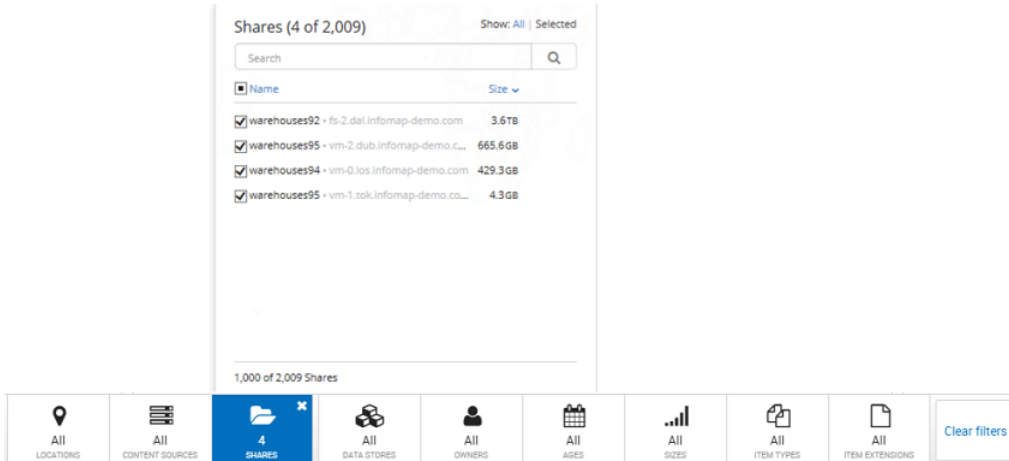
Multiple filters

You can combine multiple filters to answer question about about who has what information where. For example, select the four shares shown in the previous example, then select the **Audio** item type to display information for the Audio data on those four shares.

Saved workspaces give the option to save your commonly used filter combinations so that you can easily change between them.

Using the Ages filter

The **Ages** filter is a little different from the other filters in that it handles all three of the ages held in your metadata:

- Created - How long ago an item was originally created.

- Modified - How along ago an item was last modified.

- Accessed - How long ago an item was last accessed.

Each of these ages is shown in a separate tab, along with the count of age criteria selected (in brackets). The total number of age criteria selected is shown in the header. Ages from different tabs are combined as an *and*. For example, if you selected items which were created in the last year (8 criteria) and modified in the last 2 weeks (2 criteria) then you would only see data which was created in the last year AND has been modified in the last 2 weeks.
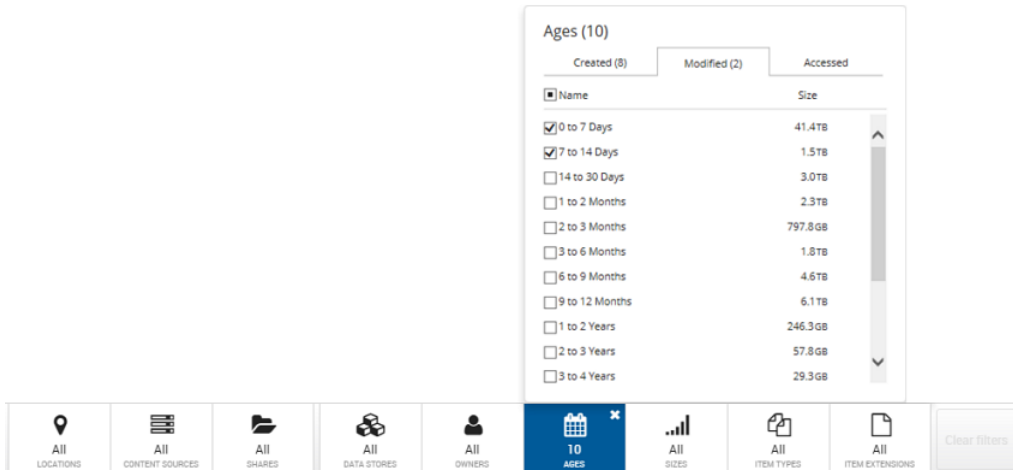
It is important to understand that there are data limitations as a result of the treatment of file times in the underlying operating systems and in NetBackup.

- The modified age is reliable.

- The created age is reliable for data from backups taken by the NetBackup Windows Agent. In the case of backups taken using the NetBackup NDMP Agent, or backups of UNIX/Linux systems, the Information Map synthesises a creation age from the oldest age seen for that item. This may be more recent than the actual created age.

- The last accessed age is not reliable for three reasons:

  - Files are not acquired by the NetBackup incremental backups if only the last accessed time has changed, so it may not be up-to-date. If changed, it will be updated when Information Map acquires the next full backup.

  - On Windows 7, 2008, and newer versions, last accessed time updates are disabled by default for performance, but they can be re-enabled.

  - On UNIX/Linux last access times are enabled by default. Alternatively the more performing **Relatime** option may be enabled; The **Relatime** option only updates file last accessed times once a day.

See "Workspace controls" on page 19.

See "Workspace" on page 22.

Dashboard view

This chapter includes the following topics:

- Dashboard

- Chart tiles

- List tiles

- Ages tile

- Dashboard entities

Dashboard

The Dashboard View is at the heart of Information Map's ability to uncover the hidden gems in your data:
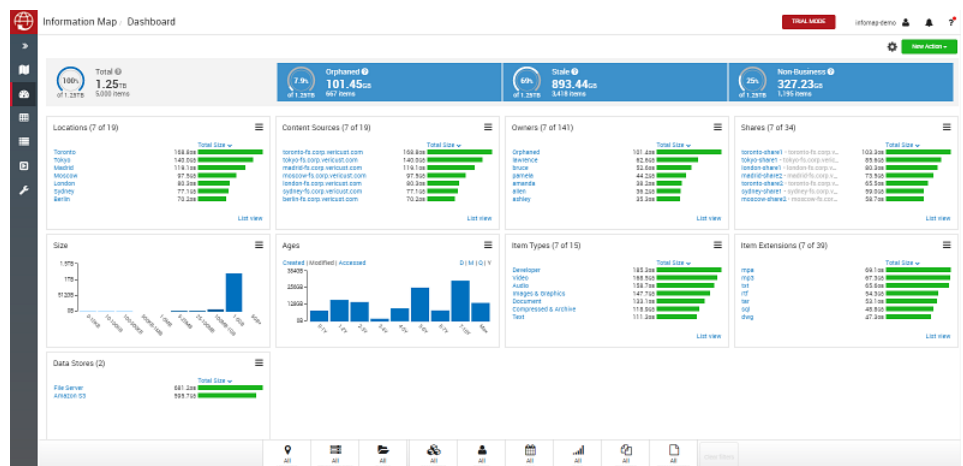
The Dashboard presents a number of tiles which summarize your data in different ways. The layout and breakdown of your information is highly customizable.

The dashboard contains three types of tiles

- The Map tile - This tile displays the Map view in a smaller space.
  See "Map view" on page 36.

- The list tiles -These tiles list Locations, Content Sources, Owners, Shares, Item Types, Item Extensions, and Data Stores.
  See "List tiles" on page 31.

- The chart tiles - These tiles show the distribution of the file sizes and ages.

- See "Chart tiles" on page 30.
  See "Ages tile" on page 33.

You can customize the dashboard layout to your preference.

See "Changing the Dashboard layout" on page 29.

Changing the Dashboard layout

Moving tiles

You can easily move any tile to another position on the dashboard by dragging the tile title in the top-left corner and dropping the tile in a new position. The other tiles arrange themselves around your new tile position.
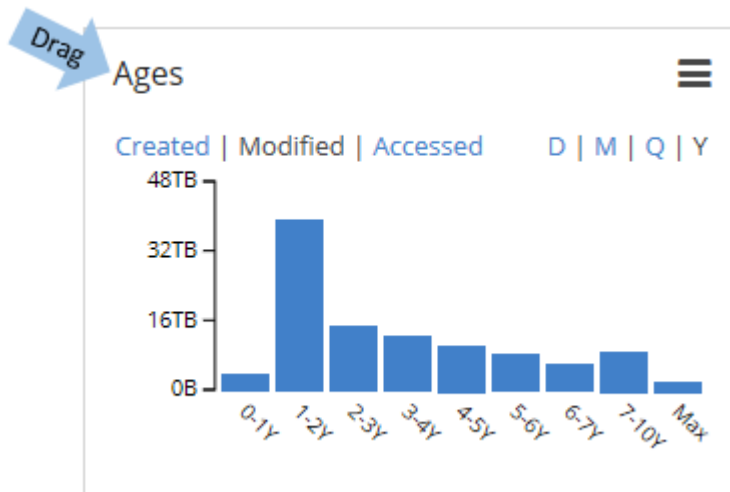
The tiles also move around, but preserve their order (left-to-right, top-to-bottom), when the browser window width changes.

Tile size

Click the hamburger icon (in the top right of every tile), then click **Tile Size**.
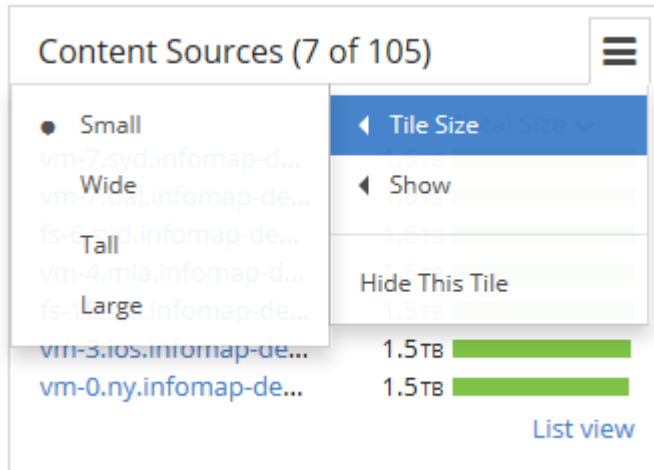
The current tile size is highlighted with a dot. Click one of the other sizes and the tile will redraw with the new size. The other tiles move around the resized tile, preserving the general tile order.

The **Map** tile only supports small and large sizes.

Hiding tiles

Click the hamburger icon and select **Hide this tile**. The tile is removed from the page.

To restore the tile, use the **Cog** icon.

See "Workspace controls" on page 19.

Chart tiles

Item size and age are represented in the **Dashboard** as charts. These charts can be customized in a number of ways.

You can change the y-axis of the chart tiles, File Size and Ages, between a linear (default) and a logarithmic scale. The latter is particularly helpful if you have a range of values which differs by several orders of magnitude.

In the following example, the size of data is in the small (0-10kB and 10-100kB) file sizes much easier to see.
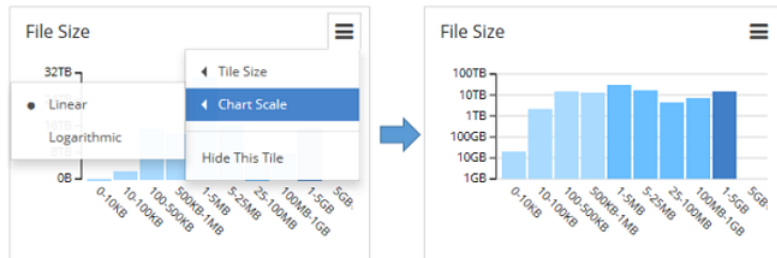
Alternatively, you can find out more about a single bar on the chart by clicking on it. On the following Age chart, click the bar to see a more accurate total size than can be read from the bar size, plus an accurate count of the number of items.

See
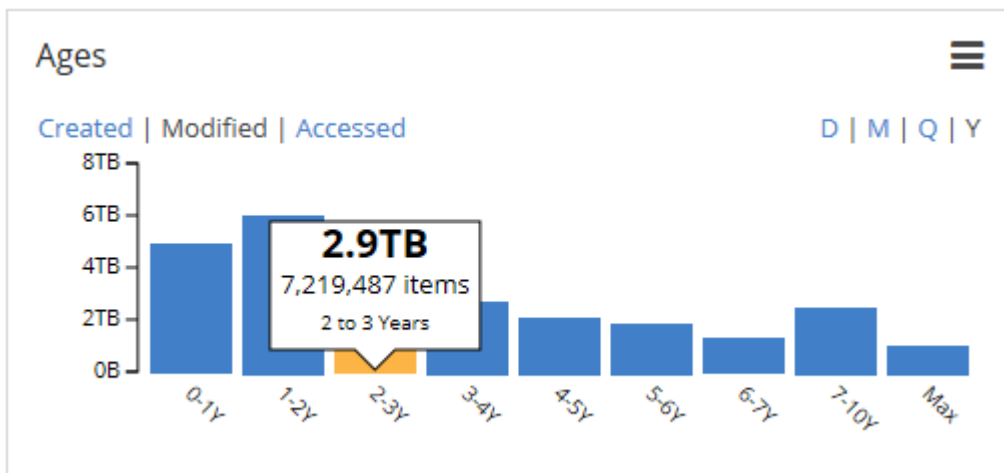
List tiles

The list tiles (**Locations**, **Content Sources**, **Owners**, **Shares**, **Item Types**, **Item Extensions**, and **Data Stores**) work in the same way. The tiles display a list of 7 (small or wide tile size) or 20 (tall or large tile size) entries which match your current filter criteria.

In wide and large tile sizes, both the size and the item count are displayed, graphically and numerically.
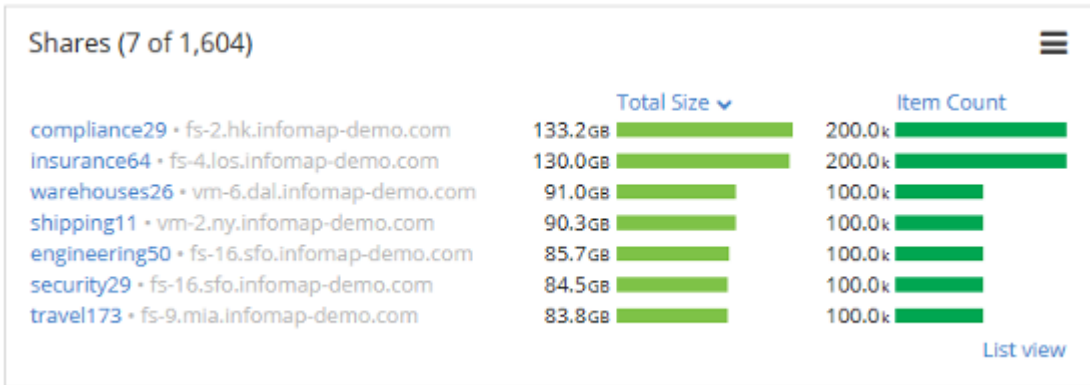
By default, the list tiles show the entries for the largest total sizes in descending order. You can toggle between largest-descending and smallest-ascending order of size by clicking **Total Size**. Alternatively to can do the same for item count by clicking **Item Count**.

Or click the hamburger icon (in the top right of the tile), and then click **Show** > **Item Count** to see the item count.
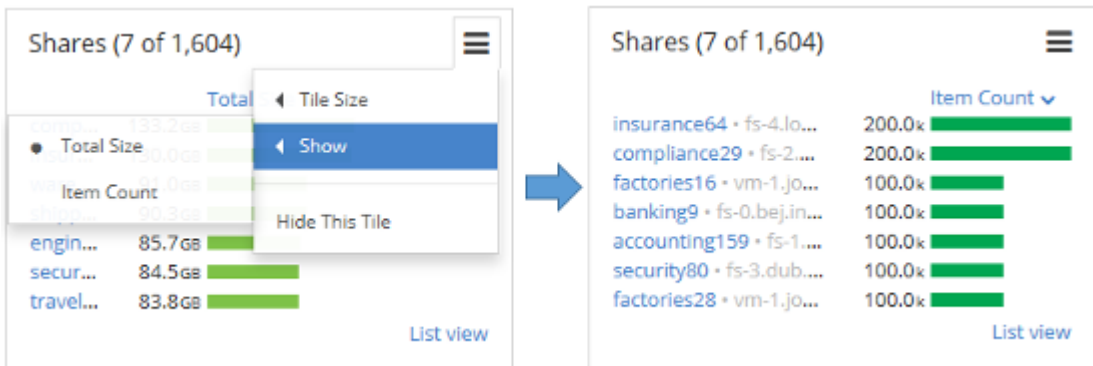
All list tiles include a link in the lower-right corner which let you navigate to a list view which lets you scroll through more entries in the list. The name of each entry in the list is a link which takes you to the Dashboard Entity page, displaying further detail for that entry.

See "Dashboard entities" on page 34.

See "List views" on page 42.

Ages tile

In wide or large form, the Ages tile looks like this:
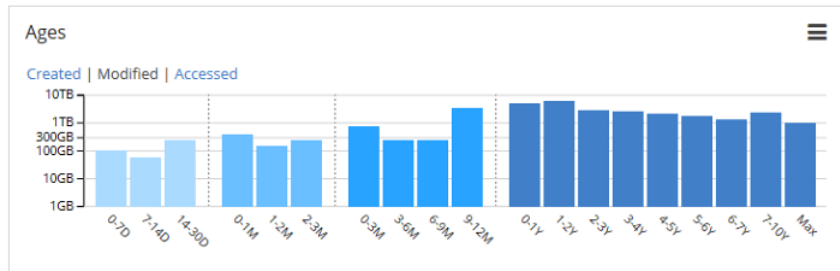
The example is a wide tile that shows the modified age on a logarithmic scale. As with the Ages filter, the tile can display the created, modified, or last accessed ages. Click the desired age type in the top left of the tile.

The **Ages** tile also shows the age broken down into 4 groups, the last 30 days, the last 3 months, the last 4 quarters and totals by year. For example, this grouping makes it easier to compare between quarters. In the small or narrow form, the tile is too small to display all four of these groups, so it displays only one, as shown in the following figure:
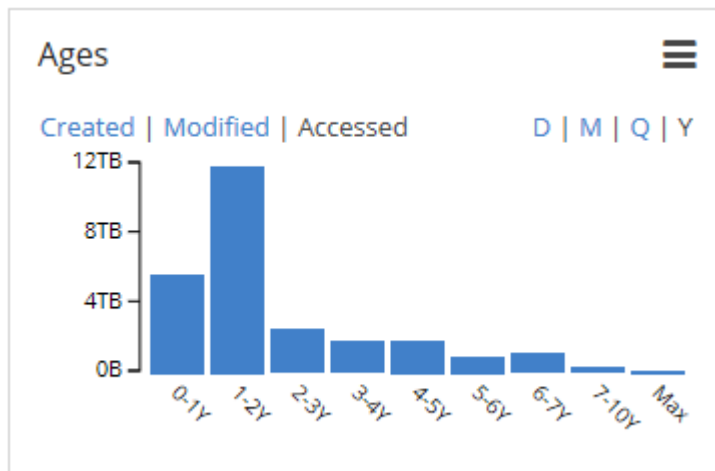
The following tile is shows the last-accessed age for years on a linear scale. The **D M Q Y** in the top-right of the tile lets you switch between day, month, quarter, and year groups. Click **M** to display the age broken into the last 3 months.
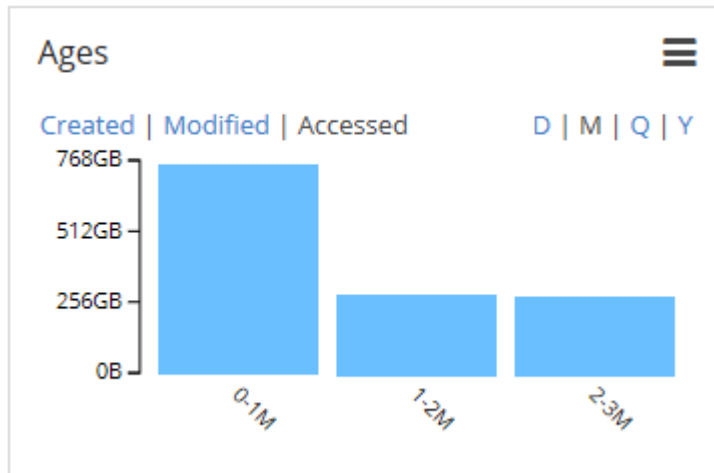
See "Chart tiles" on page 30.

Dashboard entities

If you click on a name of an entity in a dashboard list or on the list view of **Locations**, **Content Sources**, **Shares**, **Owners**, **Item Types**, **Item Extensions**, or **Data Stores**, you are taken to a dashboard page for that entity. For example, if you click Dallas in your **Locations** list, the data for only the Dallas location is displayed.
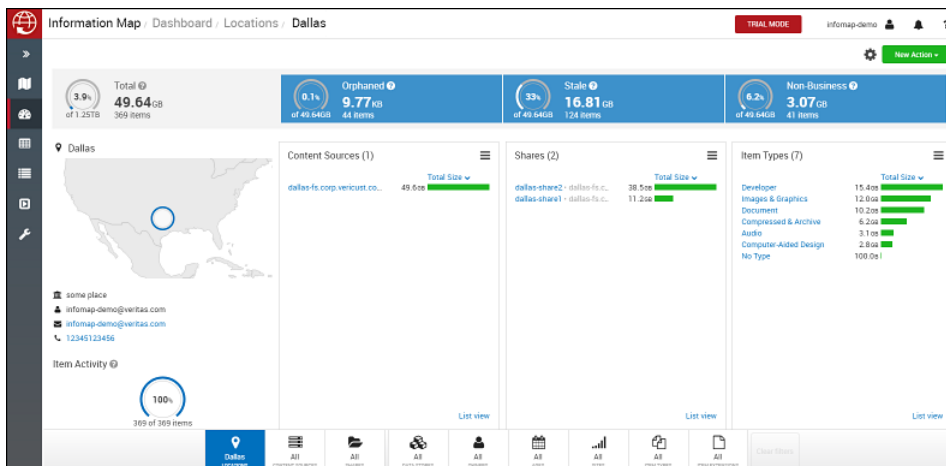
A dashboard entity view differs slightly from the normal Dashboard view because the view applies to a single entity only.

- The breadcrumb trail in the Header shows that you are in a dashboard for the **Location** Dallas.

- The **Locations** filter indicates that you are only showing Dallas.

- The dashboard does not show the **Locations** tile. Instead, the top-left tile is fixed and shows the detailed information for the Dallas location, in this case a small map, address and contact details.

- An activity chart is displayed, which shows 100% with no age filter set. You can look for hotspots of activity by adjusting the Age filters. For example, to see how much item activity has occurred in this location in the last month, go to the **Ages** filter, select the **Last Accessed** tab, and apply the 0-7 day, 7-14 day and 14-30 day criteria.

Hover over (or click) the ? icon to get information on the activity chart:

Item Activity ⊘

Item Activity

Displays the percentage of items with created, modified, or accessed activity within the filtered Age range.

90%

398 of 440 items
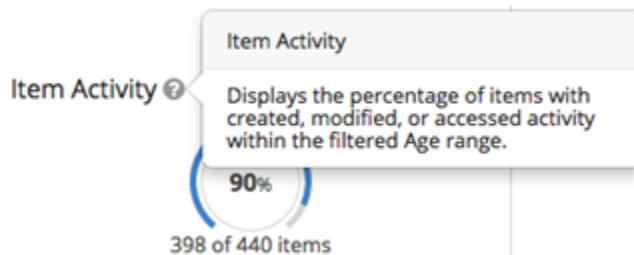
The accuracy of the activity is determined by the accuracy of the underlying date information for the items.

See "Filters" on page 23.

The other tiles on the dashboard entity behave as the normal Dashboard.

To leave the dashboard page for this entity use the back option, the navigation bar, or click the breadcrumb trail.

Other views

This chapter includes the following topics:

- Map view

- Item List Preview

- List views

Map view

The Map View displays a geographic map overview of your data centers in the **Workspace**.
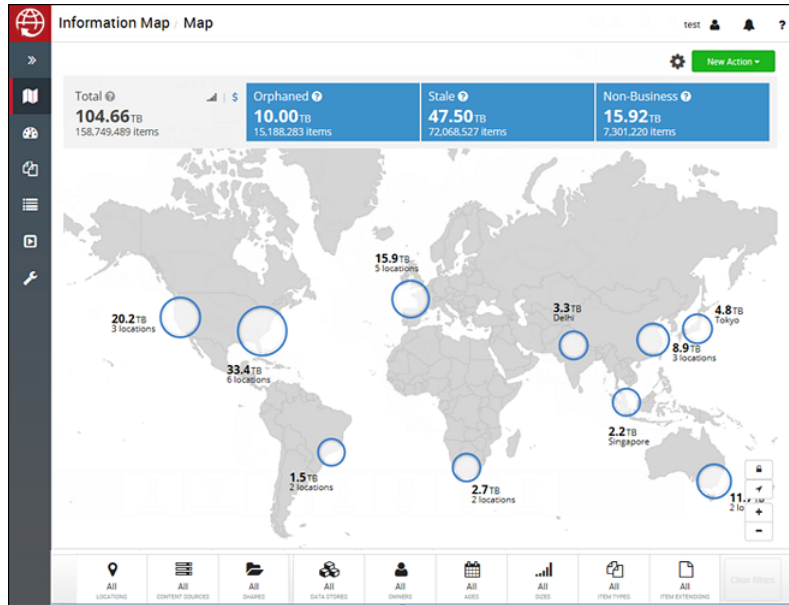
Locations

Your data center locations are shown as circles on the map, with the diameter indicating the size of data present at that location, along with the location name.

Where locations are so close together that they would overlap at the current zoom level, the adjacent locations are combined into a single composite location, with the number of locations being displayed, instead of the name.

For example, here there are three locations close together in Western Europe.
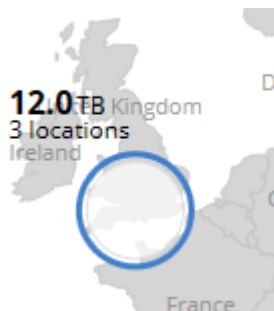
If you hover over the location, a pop-up gives more detail.
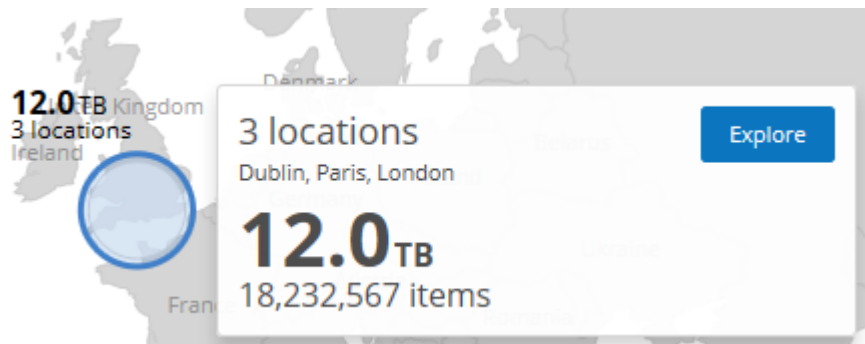
Click **Explore** to navigate to a Dashboard view, filtered to show these locations in more detail. If there is only one location, then click **Explore** to navigate to the Dashboard Entity view for this location.

See "Dashboard" on page 28.

See "Dashboard entities" on page 34.

To see more detail in the map, zoom-in so that the locations are spread apart:
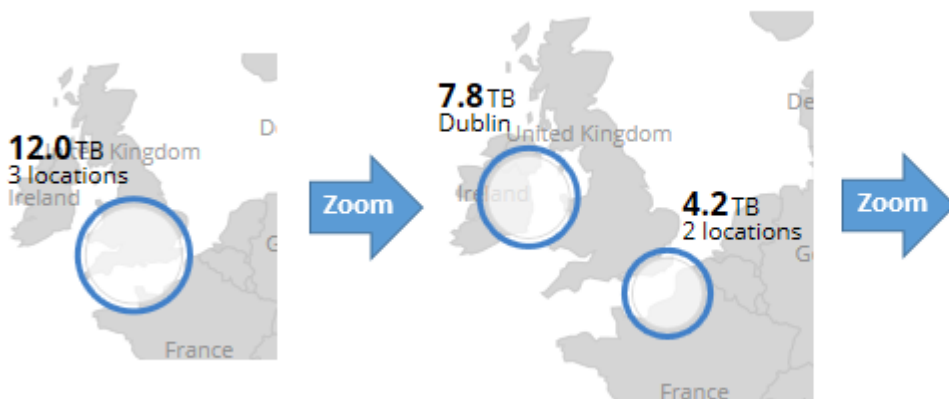
As with all views, the data displayed represents your current filter settings. Any locations with zero total data do not appear in the Map view.

Area controls

You can change the area that is displayed in the Map View using the controls on the lower-right side.

Toggle auto positioning	🔓	By default, the Map view auto-positions itself to best display the set of your locations. If you click this icon then the button to the right is displayed and the full world view will become the default next time you enter the Map View. Click again to go back to auto-positioning. The same setting also applies to the **Map** tile in the **Dashboard** view.	🔒
Show my location	◥	Zooms the Map into your location and places a marker there (shown right). This depends on your browser knowing your location. Your browser may ask you whether it can share your location with Information Map.	
Zoom-in	+	Zoom into the map. This can also be done by the zoom (un-pinch) action on a touch device.	
Zoom-out	−	Zoom out of the map. This can also be done with a pinch action on a touch device.	
Pan		To pan around the map, click-and hold, then drag around the Map area.	

See "The Information Map page" on page 10.

See "Workspace" on page 22.

See "List views" on page 42.

See "Item List Preview" on page 39.

See "Dashboard" on page 28.

Item List Preview

Item List Preview lets you quickly review an indicative sample of the items that match your current filters. This can help you decide whether the correct filters are

applied before you do further analysis or initiate a lengthy export. You can also copy the sample data into a spreadsheet for further analysis.

The items that are displayed on this view are only a subset of all the items that match the applied filters.
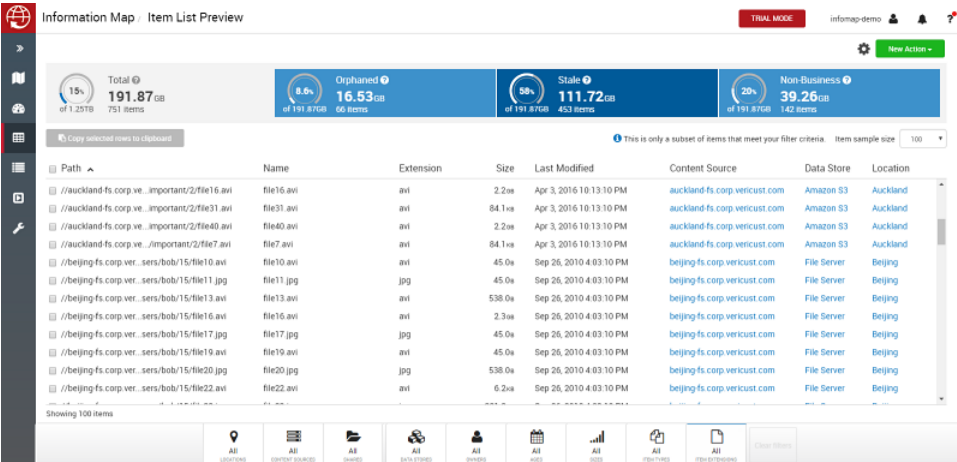
Reviewing the sample item list

1   By default, the **Item List Preview** view shows up to 1000 items matching the current filter set. By default only 100 items are displayed on the Item List Preview page.

To change the sample size, select a new item sample size from the Item Sample Size selector at the top-right corner of the view. The view reloads automatically when a new sample size is selected. Your filter settings may return fewer items than the sample size selected.

2   If the page is narrow or the full file path is long then the file path will be compressed to fit into the page. For more detail, hover over the file path and a pop-up will show the full path:
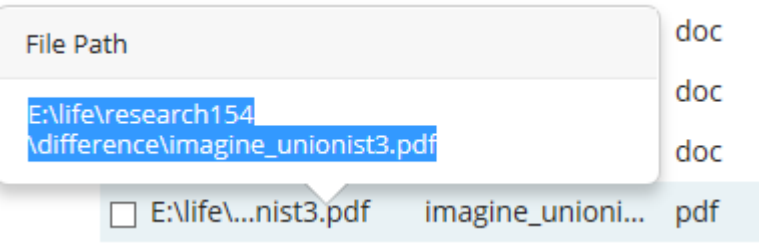
3 You can sort the list on any of the displayed column in either ascending or descending order by repeatedly clicking on the column header. A **^** indicates ascending order down the page and a **v** indicates descending order.

4 You can modify the current filters at any time. When you modify a filter, the view reloads the item data that matches the new filter criteria.

See "Filters" on page 23.

5 Click on a location or a content source to navigate to the **Dashboard** view for that location or content source.

You can copy the item list data to a spreadsheet for further analysis.

To copy the item list data

1 On the Item List Preview, select the check box to the left of each item, or to select all rows in the sample list, select the check box at the top of the list.
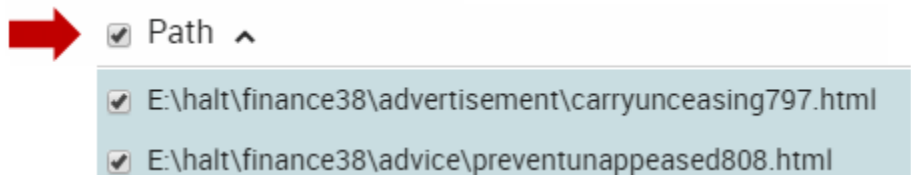
2 When one or more rows are selected, the **Copy selected rows to clipboard** button at the top of the Item List Preview table turns blue. Click the button to copy these rows.

Rows are copied in to the system clipboard in a tab-separated format, appropriate for a spreadsheet.

3 Paste the data into a spreadsheet.

Rows are copied to the spreadsheet as they appear within the **Item List Preview** , with two exceptions:

■ Within the **Item List View**, the **Last Modified** column is represented as your local date and time. However, in the spreadsheet, the copied rows display the **Last Modified** column in the UTC format, with the heading name **Last Modified (UTC)**.

- The size is presented in bytes. The copied rows display the heading name as **Size (Bytes)**.

4 To copy just one file path, click the **Copy file path** icon that appears for each row on the Item List Preview

Copying just the file path, allows you to go directly to the selected file in Windows Explorer, for example.

Note: To review the limitations for copying data from the **Item List Preview**, see the *Veritas Information Map Release Notes*.

The numbers that you see in the other views of the Information Map may differ slightly from the up-to-date set of items shown in Item List Preview. This may happen because items may have been added, removed or changed in the Information Fabric platform since the Information Map summary indexes were generated, which may be up to 24 hours ago.

List views

While the **Dashboard** can show list tiles of up to 20 entries, you can scroll through lists of any length on the List views. You can access the List views from the navigation bar or from the **List view** links on **Dashboard** tiles.

The list views are available for the following:

- Locations
- Content sources
- Shares
- Owners
- Item types
- Item extensions
- Data Stores
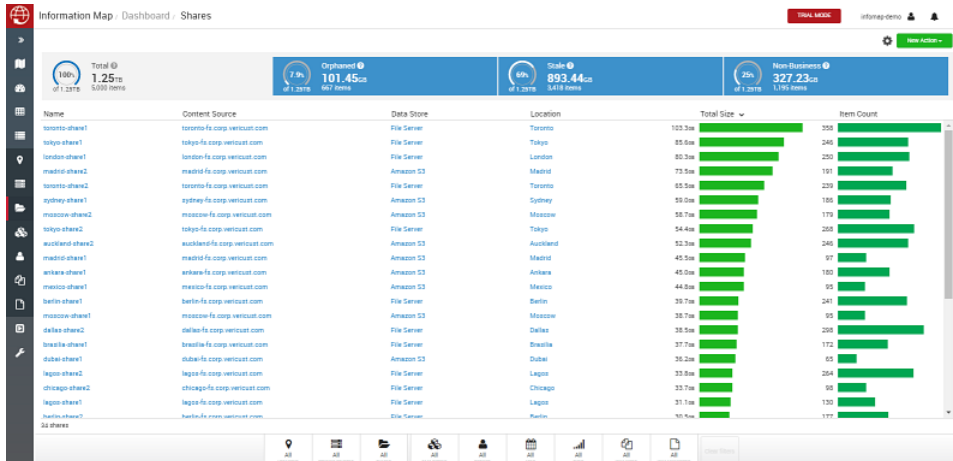
In the figure, the list shows the totals for all the shares matching the current filter criteria. Click the column header to sort the list in ascending or descending order by **Name**, **Total Size**, or **Item Count**. The total number of rows is shown in the bottom left corner of the view.

The scrolling list has no size limit other than the number of rows in your data, so it can be scrolled indefinitely. The scrolling list uses an infinite scroll technique where the first thousand rows are loaded and scrollable. When you start to scroll down to near the bottom of this thousand, the next thousand are loaded and so on. The only symptom you may notice is a slight pause when the scroll bar nears the bottom of the list, followed by a sudden change in the scroll bar position as the next set of rows are added to the list.

Each of the blue values in the List view columns is a link which takes you to the Dashboard Entity page, displaying further detail for that entry.

See "Dashboard entities" on page 34.

See "The Information Map page" on page 10.

See "Workspace" on page 22.

See "Map view" on page 36.

See "Dashboard" on page 28.

See "Item List Preview" on page 39.

Export

This chapter includes the following topics:

- About exporting metadata

- Starting an export

- Viewing and downloading exports

- Export file format

- Capturing Map information

About exporting metadata

Information Map lets you export item metadata comma separated variable (CSV) files, suitable for use with spreadsheets or databases. Exporting the metadata lets you sort, search, chart or analyse your metadata outside Information Map in any way you choose. You can also use the export with scripts or other applications to take action on the selected items, such as deleting them or moving them to lower cost storage.

Depending on their size and the number of other exports in progress, an export can take some time to complete. So you do not need to wait for an export to complete. You can start it and leave it to run in the background. You can see how the export is progressing, any time after starting your export and download the export file once it is complete.

The exported metadata may differ slightly from the metadata totals shown on screen at the time the export is started. This is because the metadata may change between the time the screen totals were calculated and the time the export completes.

Starting an export

You can export the metadata from any Information Map view to a CSV file. Only metadata matching your current filter settings will be exported.

Export jobs are currently limited to 25,000,000 items. Before you start an export, you must filter your data to a total of no more than this number. If you attempt to start an export with too many items, the following error message is displayed:

Unable to create export job

Export is currently limited to a maximum of 25,000,000 items.
Reduce the number of items by applying a filter and try again.

OK
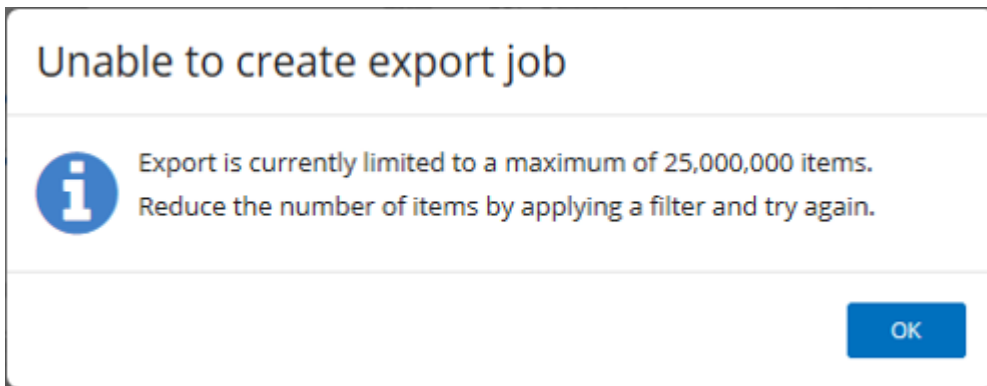
To start an export

1   Click **Actions** > **Export** in the top-right corner of the page.
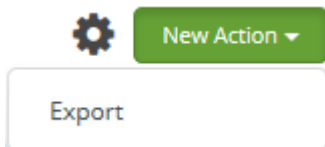
2   The **Export** dialog displays. It shows the approximate number of items that will be included in the exported file.

Export 825,411 items

Export enables you to output the metadata of the currently filtered data set to one or more CSV files. The CSV file(s) and any additional files will be packaged as one ZIP file which you can download via the Actions tab, once complete.

Export name: *

Export description:

File compatibility:

1,048,576 rows per CSV file (Excel 2007 and newer)

⦿ Format CSV files for compatibility with Windows applications (add a UTF-8 BOM encoding marker)

○ Format CSV files for better compatibility with scripting languages (do not add a UTF-8 BOM encoding marker)

What do these options mean?

Export   Cancel

Note: Note that if your export exceeds 5 million items, an additional warning is displayed within this dialog:

You are about to export a large number of items which could take a long time to complete. Applying additional filters to reduce the size of your data set is likely to decrease the export time.

3 Enter a logical name for the export to identify this export. The name should describe what the export contains because it is used when you review the export's progress and download the files. Only valid file name characters can be used. (Do not use < > : " / \ | ? * or the null character.)

You can optionally enter a longer free text description in the **Export Description** field. The description is viewable, but not used in any file names.

4 Select one of the following to specify the number of rows to include in the CSV file:

- 1,048,576 rows (If you are using Excel 2007 or newer to read the CSV file.)
  If there are more than 1 million rows in the data set, the data is split across multiple CSV files which can be opened by Excel. This is the default option.

- 65,536 rows per CSV file (If you are using Excel 2003 or earlier to read the CSV file.)
  Select this option to ensure that the completed export files can be opened in Excel 2003 and earlier.

- **No row limit** (If you do not want to set a limit on the number of rows in the CSV file.)
  The metadata is exported to a single CSV file, irrespective of the number of rows. This format is suitable for import into databases.

5 Some applications require a Unicode byte order mark (BOM) to enforce Unicode interpretation. By default, the option, **Format CSV file for compatibility with Windows applications (add a UTF-8 BOM encoding marker)** is selected.

Select **Format CSV file for compatibility with scripting languages (do not add a UTF-8 BOM encoding marker)** if you expect issues with file encoding.

If you are not sure which option to select, you can adhere to the default option.

6 Click **Export** and a success message appears.

Export job created

You have successfully created a new export job.

You can view the list of export jobs under the 'Actions' tab of the application, or by clicking the link below.

View my export jobs

OK
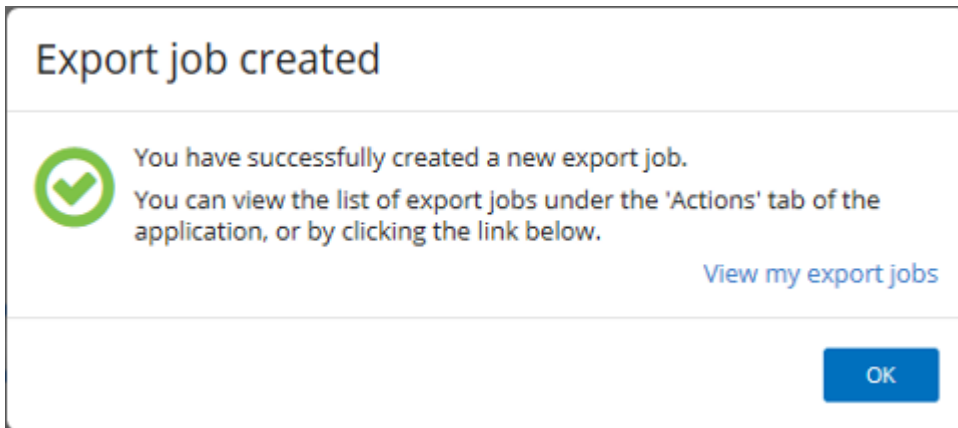
7 Click **OK** to return to Information Map while the export proceeds in the background. To view your exports, either click **View my export jobs** in the confirmation dialog, or navigate to the tab in the Information Map application.

You can download the exported zip file from the **Actions** tab of the Information Map application.

See "About exporting metadata" on page 44.

See "Viewing and downloading exports" on page 49.

Viewing and downloading exports

Click **Actions** to view a list of all exports that have been initiated. Or alternatively, click **View my export jobs** in the export success message to view the list of your exports.

By default, your exports are listed from newest at the top, to oldest at the bottom. Click the **Created On** column header to reverse the order. Alternatively, you can sort in order of ascending or descending status by clicking on that column header.

The status of the export run can be one of the following:

- **Queued.** All exports initially go into the **Queued** state, until they either start running or are canceled. An export may remain in the **Queued** state for some time if a lot of other exports have been queued ahead of it.

- **Running**. The export is currently being processed. The list shows an indication of how far the export has got as a percentage.

- The date and time when the export was created.

- **Canceled**. To cancel an export which is in a **Queued** or **Running** state, select the export in the list and click the **Cancel Export** on the right. The export's status changes to Canceled and its processing will stop. This entry only remains in the list for 24 hours.

- **Complete**. Once an export is complete its file size is shown in the list, and when it si selected the panel on the right looks as follows:

Stale data, world-wide

Download

  ☁ Download export file

File size

  5.0 MB

Started

  Jun 2, 2016 2:00:30 PM

Completed

  Jun 2, 2016 2:02:30 PM

File Format

  Excel 2007 and newer
  Formatted for Windows applications
  (insert UTF-8 BOM encoding marker)

To download an export file

1 On the **Actions** page of the Information Map application, select the export file you want to download.

2 Click **Download export file**. Depending on your browser, you have the option to open the export zip file, save it to a location of your choice, or cancel the download. The downloaded zip file contains one or more CSV files with the exported data and a manifest file.

Completed export jobs remain on the list for 30 days. You can download the export within this time.

See "About exporting metadata" on page 44.

Export file format

The downloaded Export zip file contains the following:

- `Manifest.txt` - It provides context for the export file. You can open the manifest file in any text editor (such as Notepad). It contains details of the export including the user who created the export, creation time, and the filters settings which were applied.
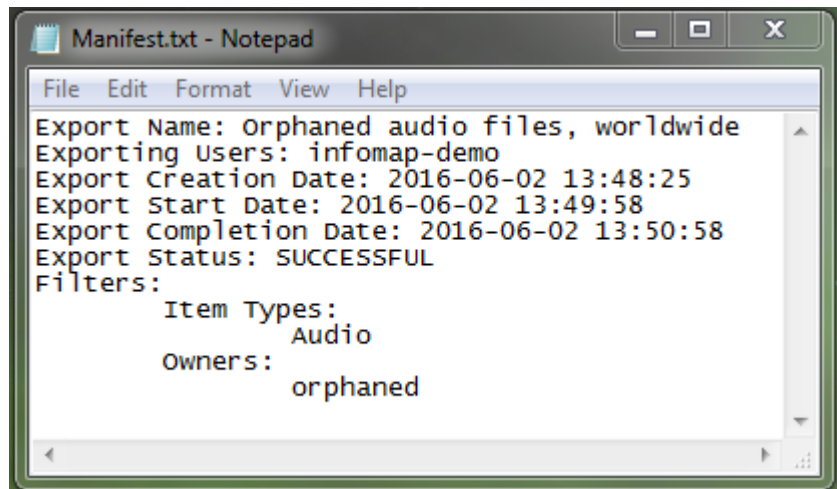
- `<Export-Name>-NNNN.csv`. One or more CSV files, with the name of your export plus a 4 digit number, such as, 0001, 0002. The CSV files which contain your exported metadata. There may be more than one CSV file, because the file is split into multiple smaller files, depending on the number of rows you have selected in the **File Compatibility** setting in the **Export** dialog.

Textual multi-byte characters are encoded as UTF-8. The first character is a byte order marker (BOM character), if you selected this option in the **Export** dialog.

The export file opens in most spreadsheets (such as Excel) or can be imported into other data processing applications. The first row is a header row containing headings for each column in the file.

Table 5-1   Contents of the CSV file

Column	Description
Location	The location of the item.

Table 5-1   Contents of the CSV file *(continued)*

Column	Description
Data Source	The type of content repository - whether a physical storage device or a cloud data store, such as, Amazon S3.
Content source	The content source (filer, Network Attached Storage device, or the Amazon S3 bucket) on which the item is stored.
Container	For CIFS shares or NFS exports this column shows the share or export name. For the Local container type, it shows either a Windows drive letter (for example, G:) or the Linux/UNIX path (/data) which appears in the NetBackup policy.
Container type	One of the following: ■ CIFS - This item is shared via a CIFS share. ■ NFS - This item is exported via an NFS export. ■ Local - A local file system, not shared over the network. This item appears where the filesystem has been backed-up, but either this item has not been shared over the network, or credentials to query share or export mappings have not been entered. ■ The Amazon S3 bucket that stores data objects.
Item	Name of the item, including the extension (if any).
Item extension	The item extension. This is particularly useful for sorting to find particular types.
Local path (if known)	If the item is acquired from a backup of a filesystem (for example, an NDMP backup of a filer) then the local path is known. If backed up using a CIFS share path or NFS export path then local filesystem path is not known, and this column will be empty. Either the local path or the network path (or sometimes both) are populated, but not always both.
Network path (if known)	If the item is acquired from a CIFS share path or NFS export path, or it is acquired from a file system path and falls within a folder which is mapped to a known share or export, then the full network path will appear here. If not known, this column will be empty.
Size	Item size, in bytes.

Table 5-1   Contents of the CSV file *(continued)*

Column	Description
Created	Creation date/time of the item in UTC. The creation time is accurate to one second, though spreadsheets usually default to the accuracy of a minute. The is formatted as an Excel compatible subset of the ISO 8601 date/time format: YYYY-MM-DD hh:mm:ss. The created date and time are not captured for Amazon S3 buckets.
Modified	Modified date/time of the item in UTC in the same format as Created. The modified date and time are not captured for Amazon S3 buckets.
Accessed	Last Accessed date/time of the item in UTC in the same format as Created.
Owner	The owner of the item as reported by the operating system.

Capturing Map information

Information Map enables you to interactively capture the summary data displayed on the Map dashboard, tile, or a dashboard entity view as a PNG image or to a CSV or an Excel spreadsheet file so that you can use it for analysis and reporting.

Save Map or Dashboard as an image

You can only save the Map as a PNG image. In the case of the Dashboard, an image of the whole dashboard is saved to file, irrespective of any parts which are scrolled out of the current window.

To save the Map or dashboard, click **New Action** > **Save Workspace as PNG image**.
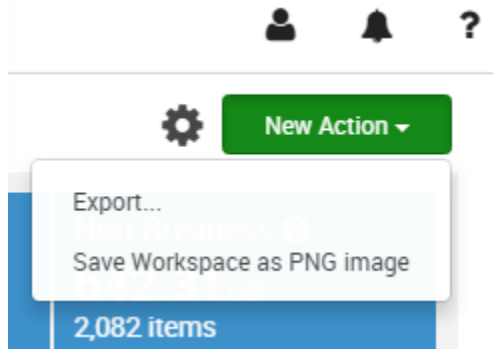
The browser then allows you to open or save the image file. The exact mechanism for this depends on your browser.

Save a dashboard tile

Most dashboard tiles can be saved as a PNG image file or as a spreadsheet file (in Excel or CSV format). The exceptions are the Map tile which can only be saved as an image, and the fixed tile in a dashboard entity view which cannot be saved.

To save a tile, click the button in the top-right corner, click **Share**, then choose the required format.
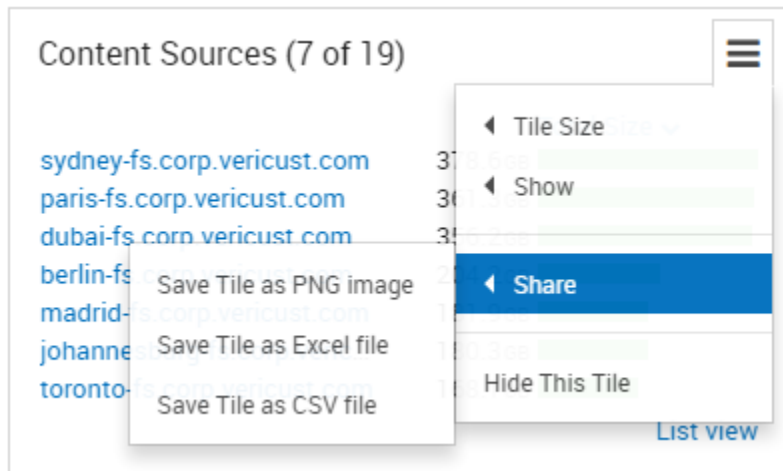
If the tile is saved as a spreadsheet, the file is named by default as `Dashboard-<Tile-Name>-<date-time>.xlsx` (for example, `Dashboard-Locations-20161018-143253.xlsx`. You can change the output file names when saving from the browser. A header row in the spreadsheet defines

the columns in the tile and the data tab name indicates the tile name. A manifest tab provides information about the user who has extracted the spreadsheet, the date and time of the capture, and the current filter settings.

When saving a spreadsheet file of the graphical **Ages** or **Sizes** tiles, the numerical values are saved, not the graphs. For ages tile, the spreadsheet includes data for the currently selected age (Created/Modified/Accessed) only. The name of the data tab indicates the selected age, for example, `Created`, `Modified`, or `Accessed`. For sizes just the standard size buckets are listed, not the aggregated values shown in the chart (0-1m, 0-3m and 0-1y).

Saved spreadsheet files contain only those rows with non-zero values for the current filter settings. The sort-order is as shown on screen, but both the total size and item count are included irrespective of the tile's size setting.

See "Dashboard" on page 28.

See "Dashboard entities" on page 34.

See "Workspace" on page 22.

Illustrative examples

This chapter includes the following topics:

- Information Map use cases
- Identifying non-business information
- Identifying the content sources with most stale data
- Finding PST files
- Identifying information by owner

Information Map use cases

Information Map provides visibility into the nature of data that is stored on your file systems.

You can use the Information Map dashboard and its list views to get the analytics and formulate actions that you can take to remediate the situation where necessary.

Identifying non-business information

Non-business data such as personal videos, pictures, and games can pile up on your primary file servers and increase your storage costs. You can use Information Map to identify specific types of data and their owners. You can then assign

responsibility to the owners to delete these files or move such files to secondary storage.

You can use the **Item Types** tile or the list view to review the volume of non-business data.

Note that you can configure the item types that must be considered as non-business data. See the *Veritas Information Map Administration Guide* for more information.

For example, you want to find out how much game data is occupying storage space on file servers in your organization.

To identify how much space is occupied by games

◆   In the Information Map application, do one of the following:

■   On the Information Map dashboard summary panel, review the volume of non-business data that is stored across all configured data center locations.

■   Review the **Item Types** tile to know the volume of **Game** type of data.

■   Use the **Item type** filter to select the type of files that you are interested in. When you apply the filter, all tiles on the dashboard display information in the context of the filters that are selected. For example, the **Content Sources** tile displays all content sources where **Game** type of data is stored. And the **Owners** tile shows all the Active Directory users who own these files.
Information Map reports the owner [SID] associated with the file read from the NetBackup metadata.

■   From the **Item Types** tile, click **List view** to review the volume and count of the files of type **Game**.

Once you have an actionable set of information, you can delete or move the information to another location.

Identifying the content sources with most stale data

You can useInformation Map to review the content repositories (file servers and shares) that have a high volume of stale data and the data centers which host these content repositories. This analysis helps you take decisions to archive or delete the inactive data.

You can configure what constitutes stale data. See the *Veritas Information Map Administration Guide* for more information.

For example, in your organization stale data may be defined as any data that has not been modified for at least 3 to 4 years. The volume of data that matches this definition is displayed on the dashboard summary panel.

Additionally, you can find the volume of data based on specific age criteria, such as data that has not been accessed for 2 to 3 years. On the Information Map dashboard, do one of the following:

Review the **Ages** tile.	The tile displays the volume of data sorted according to their age.
Or, use the **Ages** filter.	On the Ages pop-up, click **Accessed** and select the 2 to 3 years check box..
	When you apply the filter, all tiles on the dashboard display information in the context of the filters that are selected. For example, the **Content Sources** tile displays all content sources that have data that has not been modified for the last 2 to 3 years . And the **Owners** tile shows all the Active Directory users who own these inactive files.

Once you have an actionable set of information, you can delete or move the information to another location using the **Export** function. The Export function is currently not available in this release of Information Map.

Finding PST files

You can find the PST files stored on your network and remove them from primary storage.

To find PST files

1   On the **Workspace**, click on menu icon in the upper left hand corner, and select **Locations**.

2   Click Clear Filters on the bottom of the screen to list all locations.

3 Click on the location of interest.

4 Click the **Item Types** filter on the bottom of the screen. From the list of file types, select only **Email**. Click outside of the **Item Types** box to apply the filter.

The Email file type includes PST files.

You can also export the metadata for Email items to CSV, filter this CSV file down to just PST items (using Excel), then import this CSV file into Enterprise Vault for a PST archiving project.

Information Map displays the list of PST files across all file shares for the selected location. You can export the list of all PST files to a CSV file. This CSV file could then be used by Enterprise Vault for a PST migration project.

Identifying information by owner

In this example, a user name Ted Lott is under investigation. The legal team wants to find all document file types that XYZ owns in the Shanghai data center. The section describes how Information Map can be used to quickly identify the information that Ted owns.

Identifying files owned by a user

1 Click on the menu icon in the upper left-hand corner and select **Dashboard**.

2 Click **Clear Filters** on the bottom of the screen to list all locations

3 On the **Locations** tile, click on the **List** view link. The **List** View provides more details on all configured data centers.

4 Click on the **Owners** filter.

At the top of the **Owners** filter window, you can search for a name by typing it in.

5 Click on the **Locations** filter, and select **Shanghai**.

6 Click on the **Item Types** filter, and select **Documents**.

Click outside the box to apply the filter.

Information Map displays the details of the file share(s) in Shanghai on which all documents that are owned by the user Ted Lott are stored.

You can export the information to CSV and provide the file to the legal department or to a compliance officer.

Item type descriptions

This chapter includes the following topics:

- File Extensions of type 'Temporary'

- File Extensions of type 'Video'

- File Extensions of type 'VirtualMachines'

About item types

Below are the sets of item extensions which form the default item types when Information Map is first configured. These item extension may not match the needs of every business, so these default settings can be changed by configuring custom item types.

File Extensions of type 'Audio'

Table 7-1　　Audio

Extension	Description
16svx	Commodore-Amiga 16-bit sound (usually in an IFF container)
2sf	Nintendo DS Sound File
2sflib	Nintendo DS Audio Library File
3ga	3GPP Audio File
4mp	4-MP3 Database File
5xb	Line 6 POD HD500X Edit Bundle
5xe	Line 6 POD HD500X Edit Preset File
5xs	Line 6 POD HD500X Edit Setlist File
669	UNIS Composer 669 Module
6cm	Six Channel Module
8cm	Eight Channel Module
8med	Amiga OctaMed Music File
8svx	Amiga 8-Bit Sound File
a2b	Adlib Tracker II Instrument Bank
a2i	Adlib Tracker II Instrument File

Table 7-1   Audio *(continued)*

Extension	Description
a2m	Adlib Tracker II File
a2p	Adlib Tracker II Pattern File
a2t	Adlib Tracker II Tiny Module File
a2w	Adlib Tracker II Instrument Bank with Macros
a52	Dolby Digital Audio File
aa3	ATRAC Audio File
aac	Advanced Audio Coding File
aax	Audible Enhanced Audiobook File
ac3	Audio Codec 3 File
acd-bak	Sony ACID Project Backup File
acd-zip	Sony ACID Project With Embedded Media File
acm	Interplay Audio File
acp	aacPlus Audio File
adg	Ableton Device Group
adts	Audio Data Transport Stream File
adv	Ableton Device Preset File
afc	Mass Effect 2 Audio File
agm	DTS Multi-channel Pro Packer File
agr	Ableton Groove File
ahx	WinAHX Tracker Module
aif	Audio Interchange File Format
aifc	Compressed Audio Interchange File
aiff	Audio Interchange File Format
aimppl	AIMP Playlist File
akp	Akai Sampler File

Table 7-1   Audio *(continued)*

Extension	Description
al	A-Law Compressed Sound Format
alac	ALAC Encoded Audio File
alaw	A-Law Compressed Sound Format
als	Ableton Live Set File
amr	Adaptive Multi-Rate Codec File
amxd	Ableton Max Patch File
amz	Amazon MP3 Downloader File
ang	Anghami Audio File
aob	DVD-Audio Audio Object File
aria	Chipsounds Sound File
ariax	Chipsounds XML Sound File
asf	Advanced Systems Format
at3	ATRAC3 Audio File
atrac	Sony ATRAC Audio File
au	Audio File or Audacity Audio File
aud	Video Game Compressed Audio File
aup	Audacity Project File
avastsounds	Avast! Soundpack File
avr	Audio Visual Research File
awb	AMR-WB Audio File
ay	AY Chiptune File
b4s	Winamp Playlist File
band	GarageBand Project File
bap	Blaze Audio Wave Information File
bdd	CARA Sound Radiation Data File

Table 7-1   Audio *(continued)*

Extension	Description
bidule	Bidule Layout File
bmml	Braille Music Markup Language File
bonk	Bonk Audio File
brstm	BRSTM Audio Stream File
bun	Cakewalk Bundle File
bwf	Broadcast Wave File
bwg	BrainWave Generator Audio File
bww	Bagpipe Player File
c01	Typhoon Wave Audio File
caf	Core Audio File
caff	Core Audio File
cda	CD Audio Track Shortcut
cdda	CD Digital Audio File
cdo	Crescendo Music Notation File
cfa	Adobe Conformed Audio File
cfxr	Cocoa Sfxr File
cgrp	Pro Tools Clip Group File
cidb	iTunes CD Information File
ckb	Cricket Audio Bank File
ckf	Casio Keyboard File
cmf	Creative Music Format
conform	Conformalizer Change List File
copy	Sony Ericsson Protected Content File
cts	CrazyTalk Script File
cust	DeliPlayer custom sound file format

Table 7-1   Audio *(continued)*

Extension	Description
cwb	Cakewalk Bundle
cwp	Cakewalk SONAR Project
dewf	SoundEdit Recorded Instrument
df2	Defractor 2 Instrument
dfc	Defractor Instrument
dig	Digilink Audio File or Sound Designer Audio File
djr	Ringtone Media Studio DJ Ringtone Project
dls	Downloadable Sounds File
dm	DRM Delivery Message
dmsa	Music Disc Creator Project File
dmse	Sound Editor Project File
drm	Steinberg Cubase drum file
ds2	Olympus DSS Pro Audio File
dsm	Digital Sound Module
dss	Digital Speech Standard File
dtm	DigiTrakker Module
dts	DTS Encoded Audio File
dtshd	DTS-HD Master Audio File
dtsma	DTS (sound system)
dvf	Sony Digital Voice File
dw	David Whittaker Audio File
dwa	Digital Waveform Archiver Audio File
dwd	DiamondWare Digital Audio File
efa	Ensoniq ASR File
efe	Ensoniq EPS File

Table 7-1 Audio *(continued)*

Extension	Description
efk	Ensoniq KT File
efq	Ensoniq SQ1/SQ2/KS-32 File
efv	Ensoniq VFX-SD File
emp	eMusic Music Download File
emx	eMusic Download File
emy	eMelody Ringtone File
eop	EveryonePiano Music Score File
esps	ESPS Sampled Data File
evr	Enhanced Variable Rate Audio File
expressionmap	Cubase Expression Map File
f2r	Farandoyle Linear Module File
f32	Raw 32-Bit Audio File
f3r	Farandoyle Blocked Module File
f4a	Adobe Flash Protected Audio File
f64	Raw 64-Bit Audio File
far	Farandole Composer Module
fda	Dawn of War Audio File
fev	FMOD Audio Events File
flac	Free Lossless Audio Codec File
frg	Sony Sound Forge Pro Project File
fsb	FMOD Sample Bank File
fsm	Farandole Composer WaveSample File
ftm	FamiTracker Module or Finale Template File
ftmx	Finale Template File
fzb	Casio FZ-1 Bank Dump

Table 7-1   Audio *(continued)*

Extension	Description
fzf	Casio FZ-1 Full Dump
fzv	Casio FZ-1 Voice Dump
g721	G.721 Audio File
g723	G.723 Audio File
g726	G.726 Audio File
gbproj	GarageBand Project
gbs	GameBoy Sound File
gig	Tascam GigaSampler File
gio	Adagio Score or Nyquist MIDI File
gp5	Guitar Pro 5 Tablature File
gpbank	Guitar Pro Sound Bank File
gpk	WaveLab Audio Peak File
groove	ACID Groove File
gsf	Game Boy Advance Sound File
gsflib	Game Boy Advance Song Library
gym	Sega Genesis YM2612 log
h0	Movie Edit Pro Waveform Information File
h3b	Line 6 POD HD300 Edit Bundle
h3e	Line 6 POD HD300 Edit Preset File
h4b	Line 6 POD HD400 Edit Bundle
h4e	Line 6 POD HD400 Edit Preset File
h5b	Line 6 POD HD500 Edit Bundle
h5e	Line 6 POD HD500 Edit Preset File
h5s	Line 6 POD HD500 Edit Setlist File
hbb	Line 6 POD HD Edit Bundle

Table 7-1   Audio *(continued)*

Extension	Description
hbs	Line 6 POD HD Edit Setlist File
hma	Sony HI-MD Audio File
hmi	HMI Audio File
hsb	HALion Sound Bank File
iaa	INTUS Audio Archive
iff	Interchange File Format
igp	Igor Published Music Notation File
imf	Id Music File
isma	IIS Smooth Streaming Audio File
it	Impulse Tracker Module
iti	Impulse Tracker Instrument
itls	iTunes Live Stream URL
jam	JAM Musical Score or Line 6 Device Recording
jo	jo Audio File
jo-7z	jo Audio File
k26	Kurzweil K2600 File
kar	Karaoke MIDI File
kfn	KaraFun Karaoke File
kin	Kinetic Music Project
kmp	Korg Trinity/Triton Keymap File
koz	Audiokoz Music File or Bell Music File
kpl	Kazaa Playlist File
krz	Kurzweil K2000 File
ksc	Korg Trinity/Triton Script File
ksd	Native Instruments Massive Sound File

Table 7-1   Audio *(continued)*

Extension	Description
ksm	Ken Silverman Music File
kt2	Battery 2 Drum Kit File
kt3	Battery 3 Drum Kit File
ktp	Kinetic Project Template
la	Lossless Audio File
lof	Audacity File List
logic	Logic Pro Project File
lqt	Liquid Audio File
lso	Logic Audio Project
lvp	Avaya Voice Player Audio File
lwv	Linguistically Enhanced Sound File
ly	GNU LilyPond Notation file
m1a	MPEG-1 Audio File
m2	PC-98 Game Music File
m3u	Media Playlist File
m3u8	UTF-8 M3U Playlist File
m4a	MPEG-4 Audio File
m4b	MPEG-4 Audio Book File
m4p	iTunes Music Store Audio File
m4r	iPhone Ringtone File
ma1	Monarch Audio File
med	Amiga MED Sound File
mid	MIDI File
midi	MIDI File
mini2sf	Nintendo DS Sound Information File

Table 7-1   Audio *(continued)*

Extension	Description
minigsf	Game Boy Advance Song File
minincsf	NCSF Nintendo DS Audio File
minipsf	Miniature PlayStation Sound Format File
minipsf2	Miniature PlayStation Sound Format File
miniusf	Nintendo 64 Song File
mka	Matroska Audio File
mlp	Meridian Lossless Packing Audio File
mmpz	LMMS Project File
mmr	MAGIX Music Maker project file
mo3	MO3 Audio File
mogg	Multitrack Ogg File
mp_	Mobile Phone Sound File
mp1	MPEG-1 Layer 1 Audio File
mp2	MPEG Layer II Compressed Audio File
mp3	MP3 Audio File
mpa	MPEG-2 Audio File
mpc	Musepack Compressed Audio File
mpdp	MixPad Project File
mpga	MPEG-1 Layer 3 Audio File
mpu	MPEG Layer 3 Audio File
mscx	MuseScore Music Score File
mscz	MuseScore Compressed Score File
msv	Memory Stick Voice File
mt2	MadTracker 2 Module
mt9	MT9 Audio File

Table 7-1   Audio *(continued)*

Extension	Description
mte	MadTracker 2 Envelope
mti	MadTracker Instrument
mtp	MadTracker 2 Pattern
mu3	Myriad Packed Musical Score
mui	Myriad Instrument File
mus	Finale Notation File or Doom Music File or Minecraft Music File
musa	Aleph One Music File
musx	Finale Notation File
mux	Trackmania Music File or Myriad Stand-Alone Music Score
muz	MUZ Audio File
mwand	GarageBand MagicMentor Template
mx3	Mixcraft 3 Audio Project
mx4	Mixcraft 4 Audio Project
mx5	Mixcraft 5 Audio Project
mx5template	Mixcraft 5 Audio Project Template
mxl	Compressed MusicXML File
mxmf	Mobile XMF Ringtone File
myr	Myriad Music File
narrative	Narrator Document
nbs	Minecraft Note Block Studio File
ncw	Native Compressed Wave File
niff	Notation Interchange File Format
nkb	Kontakt Audio Bank
nkc	Kontakt Library Data File
nki	KONTAKT Instrument File

Table 7-1   Audio *(continued)*

Extension	Description
nkm	Kontakt Multi Instrument File
nks	Kontakt Monolith Container
nkx	Kontakt Monolith Container File
nml	Traktor Collection File
nmsv	Native Instruments Massive Sound File
note	Notessimo Composition
npr	Steinberg Nuendo project file
nra	Nero Audio Compilation
nsa	Nullsoft Streaming Audio File
nst	NoiseTracker Module
ntn	NOTION Song File
nvf	Creative Labs NVF Audio File
obw	Superior Drummer Sounds File
ofs	OptimFROG audio file
oga	Ogg Vorbis Audio File
okt	Oktalyzer Module
oma	Sony OpenMG Music File
omf	Open Media Framework File
omfi	Open Media Framework Interchange OMFI succeeds OMF (Open Media Framework)
omg	OpenMG Audio File
omx	OtsAV Media Library Information File
opus	Opus Audio File
orc	Voyetra Digital Orchestrator File
ove	Overture Musical Score

Table 7-1   Audio *(continued)*

Extension	Description
ovw	Logic Pro Overview File or Cubase WAVE Overview File
pandora	Pandora Android App Executable
pca	Perfect Clarity Audio File
pcast	iTunes Podcast File
pcg	Korg Instrument Bank File
pcm	Pulse Code Modulation
pd	Spore Audio Playback File
peak	Steinberg Peak File
pek	Adobe Peak Waveform File
pjunoxl	Preset File
pkf	Audition Peak File
plst	SmartMusic Playlist
pmpl	PSBMusic Playlist File
pna	PhatNoise Audio File
pno	Windows 8 Piano Song
ppc	Adobe Presenter Audio File
ppcx	Adobe Presenter Presentation Audio File
psf1	PlayStation Sound Format File
psf2	PlayStation Sound Format File
psflib	Multipart PSF
ptcop	PxTone Audio File
q1	Winamp Equalizer Presets File
q2	Winamp Equalizer Auto-Load Presets File
qcp	PureVoice Audio File
qsf	Portable Sound Format for non-PlayStation platforms

Table 7-1 Audio *(continued)*

Extension	Description
r1m	RealOne Streaming Media File
ra	Real Audio File
ram	Real Audio Metadata File
rax	Real Music Store Audio File
rcy	ReCycle 1.x Document
record	GarageBand Records Audio File
rex	ReCycle Loop File
rfl	Reason ReFill Sound Bank
rgrp	Pro Tools Region Group File
rip	Hit'n'Mix Audio Mashup File
rka	RK lossless compressed audio file (M Software)
rkau	RK lossless compressed audio file (M Software)
rmi	RMID MIDI File
rmj	Real Media Jukebox Audio File
rmm	RAM Meta File
rng	Nokia Composer Ringtone
rns	Reason Song File
rol	Ad Lib Synthesized Instrument
rsn	Reason Project File
rti	Real Tracker Instrument
rts	Real Tracker Sample
rvx	Real Protected Video File
rx2	REX2 Audio File
s3i	Scream Tracker 3 Instrument
s3m	ScreamTracker 3 Module

Table 7-1 Audio *(continued)*

Extension	Description
s3z	Compressed Scream Tracker 3 Module
saf	Secure Audio File
sap	Atari SAP Music File
sbg	SBaGen Binaural Beat File
sbi	Sound Blaster Instrument
scs11	Show Cue System Cue File
sd	ESPS Sampled Data File or Sound Designer Audio File
sd2	Sound Designer II File
sd2f	Sound Designer 2 File
sdat	Nintendo DS Sound Data File
sdii	Sound Designer 2 Audio File
sdx	Sample MIDI Dump Exchange
seg	Eragon Audio File
sesx	Adobe Audition Session File
sf	IRCAM Sound File
sf2	SoundFont 2 Sound Bank
sfap0	Sound Forge Audio Proxy File
sfk	Sound Forge Audio Peak File
sfl	Sound Forge Sound Data File
sfpack	Packed SoundFont File
sfs	SFX Sample File
sgp	MP3 Audio Mixer Sound Group Project
shn	Shorten Compressed Audio File
sib	Sibelius Score
sid	SID Audio File

Table 7-1   Audio *(continued)*

Extension	Description
sma	SmartMusic Accompaniment File
smp	SmartMusic Performance File or SampleVision Audio Sample Format
smpx	SmartMusic Accompaniment File
snd	Sound File or Macintosh Sound Resource or Akai MPC Sample
sng	MIDI Song File or Korg Trinity Song File
sns	SNS Video Game Audio File
snsf	Super NES Sound Format File
sou	SBStudio II Sound File
sppack	SPPack Sound Sample
sprg	Synclavier Program File
spx	Ogg Vorbis Speex File
sseq	Nintendo DS Sound File or Synclavier Sequence File
ssf	Portable Sound Format for non-PlayStation platforms
ssnd	Synclavier Sound File
stap	Soundtrack Pro Audio Project File
svx	8SVX Sound File
sw	Signed Word Audio File
swa	Shockwave Audio
swav	Nintendo DS Audio File
sxt	Propellerhead Reason NN-XT Patch File
syh	Synchomatic Instrument
syw	Yamaha SY99/SY85 Audio File
syx	MIDI System Exclusive Message
tak	Tom's Lossless Audio Kompressor File or Music Maker Take File

Table 7-1   Audio *(continued)*

Extension	Description
td0	Akai Teledisk Sound Library
tfmx	Final Music System Tracker Module
thx	Amiga THX Tracker Music File
tm8	Theta Music Composer 1.x Audio File
tmc	Theta Music Composer 1.x Audio File
trak	Traktor Content Pack File
tta	True Audio File
tun	LEGO Racers Audio File
txm	Track ax media
txw	Yamaha TX16W Audio File
u8	3D Lemmings Audio File
uax	Unreal Audio Package
ub	Unsigned Byte Audio File
ulaw	Raw u-Law Audio File
ult	UltraTracker Module
ulw	u-Law Audio File
uni	MikMod UniMOD Module
usflib	Nintendo 64 Song Library
ust	UTAU Sequence Text File
uw	Unsigned Word Audio File
uwf	UltraTracker Wave File
v2m	V2 Synthesizer Audio File
vag	PlayStation Compressed Sound File
vc3	VSampler Soundbank File
vcls	VocaListener project file

Table 7-1   Audio *(continued)*

Extension	Description
vdj	VirtualDJ Audio Sample File
vgm	Video Game Music File
vgz	Video Game Music Compressed File
vlc	VLC Playlist
vmf	Covox Speech Thing Sample or Vocaltec Media File
voc	Creative Labs Audio File
vox	Dialogic Voice Audio File
voxal	Voxal Project File
vpl	Karaoke Player Playlist
vpm	Garmin Voice File
vpw	VoxPro Wave File
vqf	TwinVQ Audio File
vrf	Ventrilo Audio Recording
vsq	VOCALOID2 Project File
vsqx	Vocaloid 3 Editor sequence excluding wave-file
vyf	Samsung Digital Voice Recorder File
w01	Yamaha SY Series Wave File
w64	Sony Wave64 Audio File
wand	GarageBand Magic Template
wav	WAVE Audio File or DTS-WAV File
wave	WAVE Sound File
wax	Windows Media Audio Redirect
wem	Wwise Encoded Media File
wfb	WaveFront Sound Bank
wfd	WaveFront Drum Kit File

Table 7-1   Audio *(continued)*

Extension	Description
wfp	WaveFront Program File
wma	Windows Media Audio File
wow	Grave Composer Music Module
wproj	Wwise Project File
wtpl	WireTap Studio Library
wtpt	WireTap Studio Packaged Track
wus	WUTG Tagged Audio File
wut	WUTG Tag File
wv	WavPack Audio File
wvc	WavPack Correction File
wve	WaveEditor Project File
wwu	Wwise Work Unit
wyz	WYZTracker File
xbmml	Braille Music Markup Language File
xfs	eRacer Sound File
xi	Fasttracker 2 Extended Instrument File
xm	Fasttracker 2 Extended Module
xmf	Extensible Music File
xmu	Expressive Music Container File
xmz	FastTracker 2 Extended Module
xpf	LMMS Preset File
xpl	HDi playlist
xrns	Renoise Song File
xsb	XACT Sound Bank
xsp	XBMC Smart Playlist File

Table 7-1   Audio *(continued)*

Extension	Description
xspf	XSPF Playlist File
xwb	XACT Wave Bank
ym	Atari ST Audio File
yookoo	Yookoo Player Playlist File
zab	Zipped Audio Book
zpa	Vielklang Audio Metadata File
zpl	Zune Playlist
zvd	ZyXEL Voice File
zvr	SAFA Media Audio File

File Extensions of type 'Backup'

Table 7-2   Backup

Extension	Description
__a	File Splitter & Joiner Encrypted File
__b	File Splitter & Joiner Encrypted Archive File
~cw	Circuit Wizard Backup File
1	Split Archive File or Norton Ghost Disk Backup
113	Iomega Backup File
3	Split Archive Part 3 File
73b	TI-73 Backup File
ab	Android ADB Backup File
abbu	Address Book Backup
abk	Automatic Backup File
aea	AdWords Editor Archive
as4	askSam Backup File

Table 7-2 Backup *(continued)*

Extension	Description
asd	Word AutoSave File
ashbak	Ashampoo Backup Archive
asvx	Finale Auto-save File
ate	Office Accounting Compressed Backup File
ati	Office Accounting Updated Company File
bac	Backup File
backup	Android Backup File or Sims 3 Saved Game Backup File
backupdb	Time Machine Backup Folder
bak	Firefox Bookmarks Backup or Backup File or ACT! Backup File or Finale Backup File
bak~	AbiWord Auto-Saved Document
bak2	Backup File
bak3	Backup File
bakx	Finale Backup File
bbb	BlackBerry Mobile Phone Backup File
bbz	BerryBuzz Backup File
bck	VMX Backup File
bckp	Ad-Aware Quarantined File
bcm	Microsoft Works Communications Script Backup
bdb	Microsoft Works Database Backup File
bff	Backup File Format
bifx	Get Backup Project
bkc	Backup4all Backup Catalog
bkf	Windows Backup Utility File
bkp	Backup File or Zapback Backup File

Table 7-2   Backup *(continued)*

Extension	Description
bkup	Backup File
blend1	Blender Document Backup File
blend2	Blender Document Backup 2 File
bm3	Sony Ericsson Backup File
bpa	StorageSync Backup Archive
bpb	PowerDesigner Business Process Backup File
bpm	PowerDesigner Business Process Model
bpn	ArchiCAD Project Backup File
bps	Works Document Backup
caa	CleanApp Archive
cbk	Backup Configuration File
cbs	Comodo Backup Script
cbu	Comodo Backup File
ck9	Cook'n Cookbook Backup File
crds	Windows CardSpace Backup File
da0	Windows Registry Backup File
dbk	Sony Ericsson Mobile Phone Backup File or dBASE Database Backup
diy	My Drivers Backup Setup File
fbc	Family Tree Maker for DOS Backup File
fbf	Free Backup Fix Backup File
fbk	Microsoft Dynamics NAV Backup File or Family Tree Maker for Windows Backup File
fbu	FEBE Firefox Backup File
fbw	HP Recovery Manager Backup File
fh	Symantec Backup Exec File

Table 7-2 Backup *(continued)*

Extension	Description
fhf	Free Hide Folder Backup File
flka	Folder Lock Portable Locker File
flkb	Folder Lock Basic Locker File
fpsx	Nokia Firmware Format File
ftmb	Family Tree Maker Backup File
ful	Microsoft Backup File List
fza	Form?Z Autosave File
gb1	Game Maker Backup File
gb2	Game Maker Backup File
gbp	Genie Timeline Backup Index File
gho	Norton Ghost Backup File
ghs	Norton Ghost Image Segment
ibk	IncrediMail Account Backup File
icbu	iCal Backup File
icf	Zoom Router Configuration File
ipd	BlackBerry Backup File
iv2i	Norton Ghost Incremental Virtual Volume Image
jbk	Juno Backup File
jdc	JDownloader Links File
kb2	Kleo Backup File
lcb	Living Cookbook Backup File
llx	LabVIEW VI Library Backup File
mbf	Microsoft Money Backup File
mbk	dBASE IV Multiple Index Backup File
mbw	MBRWizard Archive

Table 7-2   Backup *(continued)*

Extension	Description
mdbackup	iPhone Data Backup File
mddata	iPhone Backup File
mdinfo	iPhone Backup Information File
mig	Windows Migration Backup File
mpb	MyPhoneExplorer Backup File
mv_	Movie Edit Pro Movie Backup File
nb7	NovaBACKUP Output File
nba	Nero BackItUp Archive
nbak	Neat Backup File
nbd	NovaBACKUP File or Data Backup Data File
nbf	Backup Now Archive or Nokia Backup File
nbi	Nero BackItUp Information File
nbk	NovaBACKUP Job File or Data Backup Job File
nbu	Nokia Phone Backup File
nco	Nero BackItUp File
nfb	Nokia Phone Backup File
nfc	Nokia Phone Backup Copy File
npf	NTI Partition File
nps	NTI Partition Set
nrbak	NeatReceipts Backup File
nrs	NovaBACKUP Restore Script
nwbak	NeatWorks Backup File
obk	Backup File
oeb	Outlook Express Backup Wizard File
old	Backup File

Table 7-2 Backup *(continued)*

Extension	Description
onepkg	Microsoft OneNote Package File
ori	Original File
orig	Original File
oyx	Approach Alternate Database Index
paq	Hewlett-Packard Software Restore File
pbb	AT&T Phonebook File
pbd	EaseUS Todo Backup File
pbf	PowerBackup Data File or Paragon Backup File
pbx5script	Personal Backup Script
pbxscript	Personal Backup Script
pqb	Pleco Chinese Dictionary Backup File
pqb-backup	Pleco Chinese Dictionary Backup File
ptb	Sage 50 Backup File
pvc	Parallels Desktop Copied Configuration File
qbb	QuickBooks Backup File
qbk	QuickTax Backup File
qbm	QuickBooks Portable Company File
qbmb	QuickBooks Backup File
qbmd	QuickBooks Backup File
qbx	QuickBooks Accountant Transfer File
qic	Windows Backup File
qualsoftcode	J&ASoft Code Archive File
quicken2015backup	Quicken 2015 Backup File
quickenbackup	Quicken Essentials for Mac Backup File
qv~	ViewletBuilder Project Backup File

Table 7-2 Backup *(continued)*

Extension	Description
rbc	Retrospect Backup Catalog File
rbf	Windows Installer Rollback File or Retrospect Backup File
rbk	Windows 95 Registry Backup File
rbs	Windows Installer Rollback Script
rdb	Retrospect Backup Set
rgmb	RootsMagic Backup File
rmbak	Registry Mechanic Backup File
rrr	Registry Mechanic Backup File
sbb	Office Accounting Company Backup File
sbu	Samsung Backup File
skb	Google SketchUp Backup Document
sn1	Drive Snapshot First Differential Backup
sn2	Drive Snapshot Second Differential Backup
sna	Drive Snapshot Primary Backup File
spg	TCP Optimizer Backup File
sqb	SQL Backup SQL Server Backup File
srr	ReScene Metadata File
stg	ActiveSync Backup File
sv$	AutoCAD Automated Backup File
sv2i	Symantec System Index File
tbk	FoxPro Memo Backup
tig	TI Connect Backup File
tis	True Image Script
tlg	QuickBooks Transaction Log File or QBA Transaction Log File
trn	SQL Server Transaction Log Backup File

Table 7-2   Backup *(continued)*

Extension	Description
ttbk	Canadian TurboTax 2010 Backup File
uci	UFS Explorer Backup File
v2i	Norton Ghost Virtual Volume Image
vbm	Veeam Backup Metadata File
vbox-prev	Oracle VM VirtualBox Settings Backup File
vpcbackup	Windows Virtual PC Backup File
vrb	Veeam Incremental Backup File
wbb	WinBackup Archive
wbcat	Windows Backup Catalog File
wbk	Word Document Backup
win	FoxPro Window Settings or Windows Backup File
wjf	WinZip Job File
wpb	Windows Phone Device Manager Backup File
wspak	WebsitePanel Backup File
yrcbck	YRC Backup Archive

File Extensions of type 'CAD'

Table 7-3   CAD

Extension	Description
123c	Autodesk 123C Drawing
123d	Autodesk 123D Drawing
123dx	123D Design Model File
2d	VersaCAD 2D Drawing File
3dmlw	3D Markup Language for Web files
a2l	ASAP2 ECU Description File

Table 7-3 CAD *(continued)*

Extension	Description
adi	AutoCAD Device-Independent Binary Plotter File
aec	DataCAD drawing format
afd	Alphacam Flame Drawing
afs	STAAD.foundation Project File
any	AnyRail Layout Plan
ard	ArtiosCAD Workspace File
art	ArtCAM Model
bbcd	BobCAD-CAM Document
bdc	West Point Bridge Designer Design File
bdl	CoCreate Bundle File
bim	Data Design System DDS-CAD
bit	Xilinx Bitstream File
blk	AutoCAD Block Template File
bpmc	Bizagi Process Modeler Collaboration
bpz	Easy Blue Print Symbol Library
brd	KiCad PCB Design File or Cadence Allegro PCB Design File
brep	Open CASCADE 3D model (shape)
bxl	Accelerated Designs PCB Library File
cad	BobCAD-CAM File
catdrawing	CATIA V5 Drawing
catpart	CATIA V5 Part File
catprocess	CATIA V5 Manufacturing document
catproduct	CATIA V5 Assembly File
ccc	CopyCAD Curves
ccm	CopyCAD Model

Table 7-3   CAD *(continued)*

Extension	Description
cdc	AutoCAD DesignCenter Preview Cache File
cddx	Circuit Diagram Document
cdl	CADKEY Wireframe Design File
cdw	KOMPAS Document
cf2	Common File Format File
cff	Common File Format
cgr	CATIA Graphical Representation File
cib	Luminaire Data File
cir	SPICE Netlist; device-level netlist and commands for simulation
circuit	KTechlab Circuit Design File
ckd	Kubotek Design Container
cmp	Solid Edge Wire Harness File or Generic CADD Component File
cnc	PartMaster CNC File or CNC Machine Tool Path
cnd	Melco Condensed Embroidery File
co	Ashlar-Vellum Cobalt - parametric drafting and 3D modeling
cpa	CADSTAR PCB Archive File
cpf	Power-domain specification in SoC implementation (see also UPF)
crv	VCarve Pro Design File
cyp	Home Designer Pro Project File
czd	CAD Zone Drawing
db1	Tekla Structures Model File
dbq	AutoCAD Query Set
dc	DesignCAD Design File
dc1	DevCad Document

Table 7-3   CAD *(continued)*

Extension	Description
dc2	DesignCAD 2D ASCII Drawing or DevCad Cam Pro Document
dc3	DesignCAD 3D ASCII Drawing
dcl	AutoCAD Dialog Definition File
dft	Solid Edge Draft Document
dfx	Drafix CAD File
dgb	FlashCAD Drawing Database
dgk	Delcam 3D Model File
dgn	MicroStation Design File
dlv	CATIA 4 Export File
dra	OrCAD Drawing File or Dolphin PartMaster Drawing File
drg	AllyCAD Drawing File
dru	EAGLE Design Rules File
drw	Caddie Early version of Caddie drawing (prior to Caddie changing to DWG)
drwdot	SolidWorks Drawing Template
dsd	AutoCAD Drawing Set Description File
dsg	Control Studio Document
dspf	Detailed Standard Parasitic Format. Analog-level parasitics of interconnections in IC design
dst	Tajima Embroidery Format or AutoCAD Sheet Set File
dvg	Graphic Works Vector Graphic
dwb	VariCAD drawing file
dwf	AutoDesk's Web Design Format; AutoCAD & Revit can publish to this format; similar in concept to PDF files; AutoDesk Design Review is the reader
dwfx	Design Web Format XPS File
dwg	AutoCAD Drawing Database File

Table 7-3   CAD *(continued)*

Extension	Description
dwt	AutoCAD Drawing Template
dxe	AutoCAD Data Extraction Template
dxf	Drawing Exchange file format used in AutoCAD and other CAD-programs (vector graphics)
dxx	AutoCAD Drawing Interchange Attribute File
easm	eDrawings Assembly File
edif	Vendor neutral gate-level netlist format
edrw	SolidWorks eDrawings File
eld	Eulumdat Formatted Luminaire Data File
epf	EAGLE Project
eprt	eDrawings part file
esw	AGTEK format
ewb	Electronics Workbench Circuit Design File
ewd	EasyWOOD Design File
exb	CAXA Draft
excellon	Excellon file
ezc	AutoCAD Ecscad Components Backup File
ezp	AutoCAD Ecscad Project Backup File
fcstd	FreeCAD Document
fcw	FastCAD Windows Drawing
flx	FelixCAD Drawing
fmz	Form?Z Project File
fpd	Front Panel Designer Project
fsdb	Analog waveform format (see also Waveform viewer)
fz	Fritzing Project File

Table 7-3   CAD *(continued)*

Extension	Description
fzz	Fritzing Shareable Project File
g	BRL-CAD Geometry File
g3d	GOM 3D File
gbx	Gerber PCB File
gcd	Generic CADD Drawing File
gds	Graphic Data System File
gdsii	Format for PCB and layout of integrated circuits
ginspect_prj	GOM Inspect Project File
glm	KernelCAD model
gtc	GRAITEC Advance file format
gxc	General CADD Pro Component
gxd	General CADD Pro Drawing
gxh	General CADD Pro Hatch Pattern File
gxm	General CADD Pro Macro File
hcp	HydroCAD Project File
hsc	Aspen HYSYS Simulation File
hsf	HOOPS Stream Format File
hus	Husqvarna Embroidery File
iam	Inventor Assembly File
iba	Lectra Clothing Design Pieces File
ic3d	IC3D Scene File
ide	Inventor iFeature File
idv	Inventor Design View File
idw	Inventor Drawing
if	Procedimientos-Uno IFWin Project File

Table 7-3   CAD *(continued)*

Extension	Description
ifcxml	Industry Foundation Classes XML File
ifczip	Compessed IFC File
iges	Initial Graphics Exchange Specification
ipf	iMPACT Project File
ipj	Inventor Project File
ipn	Inventor Presentation File
ipt	Inventor Part File
isoz	Compressed Arbortext IsoDraw Illustration
jbc	Jam STAPL Byte-Code File
jt	JT Open CAD File
jvsg	Video Surveillance Project
kit	20-20 Design File
lcf	ArchiCAD Library Container File
ldr	LDraw Model File
ldt	Eulumdat Formatted Luminaire Data File
lef	Library Exchange Format; physical abstract of cells for IC design
li3d	Live Interior 3D Document
lin	AutoCAD Linetype File
lizd	Live Interior 3D Compressed Document
ltl	Luminaire Data File
lyc	bestIMAGE Compressed Design File
lyr	bestIMAGE Design File
mc9	Mastercam 9 Geometry File
mcx	MICRO CADAM-X/6000 Model Data File
mhs	Xilinx XPS Hardware Specification File

Table 7-3   CAD *(continued)*

Extension	Description
min	Okuma CNC Program File or MAX Interchange Notation File
model	CATIA 3D Model FIle
mp10	Multisim 10 Project File
mp11	Multisim 11 Project File
mp7	Multisim 7 Project File
mp9	Multisim 9 Project File
ms11	Multisim 11 Circuit Design File
ms12	NI Multisim file
ms7	Multisim 7 Circuit Design File
ms9	Multisim 9 Circuit Design File
mvs	Microchip Verification Specification File
nc	Mastercam Numerical Control File
neu	Pro/ENGINEER Neutral File
ngd	Xilinx Netlist File
nwc	Navisworks Cache File
nwd	Navisworks Document
nwf	Navisworks File Set
oasis	Open Artwork System Interchange Standard
opj	OrCAD Project File
par	Solidedge Part
pc6	PowerCADD 6 Drawing File
pc7	PowerCADD 7 Drawing File
phj	PhCNC Project File
pho	Gerber Photoplot File
pipd	PIPE-FLO Demo Project File

Table 7-3 CAD *(continued)*

Extension	Description
pipe	PIPE-FLO Project File
pla	ArchiCAD Project Archive
plt	AutoCAD Plotter Document or HPGL Plot File
psm	Solid Edge Sheet Metal File
psmodel	PowerSHAPE Model
pss	AutoCAD Plot Stamp Settings File
pwt	AutoCAD Publish To Web Template
pyt	Pythagoras File
qpm	Quick Pallet Maker Input Data
red	CADViewer Redline Markup File
rfa	AutoDesk Revit family files
rml	Redline Markup Language File
rsg	RaySupreme Graph
rtd	Robot Structural Analysis Design File
rvm	AVEVA PDMS 3D Review model
rvt	AutoDesk Revit project files
s12	Spirit file by Softtech
s19	S-record. ASCII-coded format for memory dumps
sat	ACIS SAT 3D Model File
scad	OpenSCAD Script
scdoc	SpaceClaim 3D Part/Assembly
sch	gEDA Schematic File or KiCad Schematic File
sdg	Strater Project File
sew	Home Embroidery Format
shx	AutoCAD Compiled Shape File

Table 7-3   CAD *(continued)*

Extension	Description
sldasm	SolidWorks Assembly File
slddrw	SolidWorks Drawing File
sldprt	SolidWorks Part File
spef	Standard format for parasitics of interconnections in IC design
spi	SPICE Netlist; device-level netlist and commands for simulation
srec	S-record. ASCII-coded format for memory dumps
stdf	Standard Test Data Format generated by automatic semiconductor test equipment
step	Standard for the Exchange of Product model data
stil	Standard Test Interface Language; IEEE1450-1999 standard for Test Patterns for IC
stl	Stereo Lithographic data format. Used by various CAD systems and stereo lithographic printing machines
sv	SystemVerilog source file
svd	SolidView Design File
t3001	TARGET 3001! Circuit Design Project File
tbp	Tekla BIMsight Project
tc2	TurboCAD 2D Mac Drawing
tc3	TurboCAD 2D/3D Mac Drawing
tcd	TurboCAD Mac Deluxe Drawing or Technobox CAD Drawing
tcm	TurboCAD Mac Drawing
tcp	TurboCAD Mac Pro Drawing
tct	TurboCAD Drawing Template
tcw	TurboCAD Drawing File
tcx	TurboCAD 3D Model Text File
top	TopSolid Design Document

Table 7-3   CAD *(continued)*

Extension	Description
topprj	TopSolid Project File
topviw	TopSolid'Viewer Document
tsc	TINA Design File
tsf	Strater Template File
uld	Unified Luminaire Data File
unt	AutoCAD Unit Definition File
unv	I-DEAS I-DEAS (Integrated Design and Engineering Analysis Software)
vet	Lectra Cutter's Must File
vhdl	VHDL source file
vlm	Ashlar-Vellum Vellum, Vellum 2D, Vellum Draft, Vellum 3D, DrawingBoard
vs	Ashlar-Vellum Vellum Solids
vtf	3DESIGN CAD File
vwx	Vectorworks Design File
wgl	Waveform Generation Language format for Test Patterns for IC
wrl	Similar to STL but includes color. Used by various CAD systems and 3D printing rapid prototyping machines. Also used for VRML models on the web.
x_b	Parasolid Model Part File
x_t	Parasolid Model Part File
xe	Ashlar-Vellum Xenon - for Associative 3D Modeling
xise	Xilinx ISE Project File
xv3	Lattice XVL Geometry File

File Extensions of type 'Compressed+Archive'

Table 7-4   Compressed+Archive

Extension	Description
2mg	Apple IIGS Disk Image
7z	7-Zip Compressed File
a00	ALZip Second Split Archive File
a01	ALZip Third Split Archive File
a02	ALZip Fourth Split Archive File
aa	Generic CD Image
ace	WinAce Compressed File
adz	Compressed Amiga Disk File
aff	AFF Disk Image
agg	Bulk Data File
alz	ALZip Archive
apz	Autoplay Media Studio Exported Project
ar	Unix Static Library
arc	Compressed File Archive
archiver	Archiver Compressed File Archive
arj	ARJ Compressed File Archive
ark	PowerDesk Pro Archive
ashdisc	Ashampoo Burning Studio Image
atr	Atari Disk Image
avhd	Hyper-V SnapShot File
b1	B1 Compressed Archive
b5i	BlindWrite 5 Disk Image
b5t	BlindWrite 5 Disc Track Information File

Table 7-4   Compressed+Archive *(continued)*

Extension	Description
b64	Base64 MIME-Encoded File
b6i	BlindWrite 6 Disc Image
b6t	BlindWrite 6 Track Information File
ba	Scifer External Header Archive
bh	BlakHole Archive
bif	Boot Information File
bke	BackupEarth.com Data compression
bndl	Game Data Bundle File
boo	Booasm Compressed Archive
bwi	BlindWrite CD/DVD Disc Image
bws	BlindWrite Sub Code File
bwt	BlindWrite 4 Disk Image
bwz	WinImage Batch Configuration File
bz	Bzip Compressed File
bz2	Bzip2 Compressed File
bza	IZArc BGA Archive
bzip	Bzip Compressed Archive
bzip2	Bzip2 Compressed Archive
c00	WinAce Split Archive File
c02	WinAce Split Archive Part 1 File
c10	WinAce Split Archive Part 10
c2d	WinOnCD Disc Image
cab	Microsoft Windows Cabinet File
cals	JEDMICS image files (US DoD system)
car	CAR Archive

Table 7-4   Compressed+Archive *(continued)*

Extension	Description
cb7	Comic Book 7-Zip Archive
cba	Comic Book ACE Archive
cbr	Comic Book RAR Archive
cbz	Comic Book Zip Archive
ccd	CloneCD Disc Image
cdi	DiscJuggler Disc Image
cdm	NTI CD-Maker Image
cdz	Compressed CD Image File
cl5	Easy CD Creator 5 Saved Project
clipflair	ClipFlair Studio component saved state file
comppkg_hauptwerk_rar	Hauptwerk Component Package
cp9	ChoicePoint Encrypted File
cpgz	Compressed CPIO Archive
cso	Compressed ISO Disk Image
cue	Cue Sheet File or CDRWIN Cue Sheet
cxarchive	CrossOver Bottle Archive
czip	ZipGenius CryptoZip File
d00	VirtualDrive Disc Image Part File
d01	VirtualDrive Disc Image Part 2 File
d64	Commodore 64 Disk Image
d88	Toshiba Pasopia 7 Disk File
daa	PowerISO Direct-Access-Archive
dao	Disk at Once CD/DVD Image
dar	DAR Disk Archive
dax	PSP Compressed ISO Disc Image

Table 7-4   Compressed+Archive *(continued)*

Extension	Description
dbr	DeepBurner Disc Project
dcf	Disk Copy Fast Disk Image File
dd	DiskDoubler Archive
ddz	A file which can only be used by the daydreamer engine created by fever-dreamer (a program similar to RAGS)
deb	Debian Software Package
dgc	DGCA File Archive
disc	Toast Document
disk	Linux Virtual Hard Disk
dist	Mac OS X Distribution Script
dl_	Compressed DLL File
dmg	Mac OS X Disk Image
dmgpart	Mac OS X Disk Image Part
dms	Disk Masher Image
dpe	Package of AVE documents made with Aquafadas digital publishing tools.
dsk	Disk Image
dvd	CloneCD DVD Information File
dvdr	DVD/CD-R Master Image
dz	Dzip File
e01	EnCase Image File
ecab	EGT Compressed Folder used in advanced systems to compress entire system folders
ecm	ECM Disc Image
ecs	Sony Ericsson Phone Backup File
eda	Ensoniq ASR Disk Image

Table 7-4 Compressed+Archive *(continued)*

Extension	Description
ede	Ensoniq EPS Disk Image
edk	Ensoniq KT Disk Image
edq	Ensoniq SQ1/SQ2/KS32 Disk Image
eds	Ensoniq SQ-80 Disk Image
edv	Ensoniq VFX-SD Disk Image
efw	Renamed Zip or Executable File
egg	ALZip Archive
egt	EGT Universal Document also used to create compressed cabinet files replaces .ecab
epi	EclipsePackager2000 Compressed File
eui	Ensoniq EPS Compacted Disk Image
ezip	EGT Compressed Folder used in advanced systems to compress entire system folders
fcd	Virtual CD Format
fdd	Parallels Desktop Floppy Disk Image File
fdi	Amiga Disk Image
fdp	MySafe Encrypted Data
flp	Floppy Disk Image
fp8	FP8 (= Fast PAQ8) Compressed File
g41	Commodore 1541 Disk Image
gbi	gBurner Project File
gca	GCA File Archive
gdrive	Gizmo Virtual Drive File
gi	Global Image
gkh	Ensoniq EPS Family Disk Image
gmz	Compressed GameMaker File

Table 7-4   Compressed+Archive *(continued)*

Extension	Description
gz	Gnu Zipped Archive
gz2	Misnamed BZ2 File
gza	IZArc BGA Archive File
gzi	Unix Gzip File
gzip	Gnu Zipped File
ha	HA Compressed Archive
hbc	HyperBac Compressed Archive
hbc2	HyperBac Compressed File Archive
hbe	HyperBac Compressed and Encrypted Archive
hdi	Hard Disk Image
hfs	HFS Disk Image File
hfv	HFS Disk Image
hki	WinHKI Archive
hki1	WinHKI HKI1 Archive
hki2	WinHKI HKI2 Archive
hki3	WinHKI HKI3 Archive
hpk	HPack Compressed Archive
hyp	HYPER Compressed Archive
i00	DVD Shrink Part 1 File
i01	DVD Shrink Part 2 File
i02	DVD Shrink Part 3 File
ibb	ImgBurn Project File
ibp	IsoBuster Managed Image Information File
ibq	IsoBuster Managed Image File
ice	ICE File Archive

Table 7-4 Compressed+Archive *(continued)*

Extension	Description
ima	Disk Image
image	Apple Disk Image
img	Disc Image Data File or Macintosh Disk Image or Floppy Disk Image
imz	WinImage Compressed Disk Image
ipg	iPod Game File
ipk	Itsy Package
ish	ISH Compressed Archive
iso	ISO Disc Image File or PlayStation 2 ROM File
isz	Zipped ISO Disk Image
ita	IconTweaker Theme Archive
ixa	Ulead Disc Image format
ize	IZArc Archive
jgz	Gzipped Javascript File
jic	Java Icon File
k3b	K3b Disk Burning Project File
kgb	KGB Archive File
kz	KuaiZip Compressed File
l01	EnCase Logical Evidence File
lawrence	Lawrence Compiler Type file
lbr	LU Library Archive
lcd	CDSpace Emulated Disk Image
lemon	LemonShare.net Download
lha	LHARC Compressed Archive
lnx	Commodore 64 Lynx Archive or Atari Lynx ROM

Table 7-4   Compressed+Archive *(continued)*

Extension	Description
lqr	SQ Compressed LBR Archive
lz	Lzip Compressed File
lzh	LZH Compressed File
lzip	LZMA (Lempel?Ziv?Markov chain algorithm) compressed file
lzm	Slax Module
lzma	LZMA Compressed File
lzo	LZO Compressed File
lzx	Amiga LZX Compressed File
lzx	Compression algorithm used by Amiga and Microsoft
mbi	Multi-Bootable Information File
md1	GEAR CD/DVD Disc Image or Alcohol Disk Image Segment 2
mds	Media Descriptor File
mint	Linux Mint Installer File
mir	Mini-Image Ripper Disc Image
mou	WinMount Compressed File
mpkg	Meta Package File
mrimg	Macrium Reflect Disk Image
mzp	MAXScript Zip Package or WinArchiver Mountable Archive
ncd	NTI CD-Maker Disc Image
ndif	Apple New Disk Image Format File
nex	Navigator Extension
nfi	Dreambox Disc Image
nn	Nero CD File List
nrg	Nero CD/DVD Image File
nri	Nero ISO CD Compilation File

Table 7-4 Compressed+Archive *(continued)*

Extension	Description
oar	OpenSimulator Archive
oz	Opera Job Management Compressed File
p01	Parchive Recovery Volume or Toast CD Image or GEAR CD/DVD Disc Image
p19	Parchive Recovery Volume
p2g	Power2Go Project File
p2i	Power2Go Disc Image
pack	Pack200 Packed Jar File
package	Linux Autopackage File
pae	PowerArchiver Encrypted Archive
pak	PAK (Packed) File
paq6	PAQ6 Data Archive
paq7	PAQ7 Data Archive
paq8	PAQ8 Data Archive
paq8f	PAQ8F Compressed Archive
paq8l	PAQ8L Data Archive
paq8p	PAQ8P Data Archive
par2	Parchive 2 Index File
partimg	Partimage File
pax	PAX Archive
pbi	PC BSD Installer Package
pcv	MozBackup Profile Backup
pea	PEA File Archive
pgd	PGP Disk Image
pgx	Hopedot VOS Data File

Table 7-4   Compressed+Archive *(continued)*

Extension	Description
pim	PIM Archive
pit	PackIt Compressed Archive
piz	Zipped File
pqi	PowerQuest Drive Image
psz	Compressed PostScript File
pup	PlayStation 3 Update File or Puppy Linux DotPup Installer Package
puz	Packed Publisher File
pwa	Password Agent File
pxi	PlexTools Disc Image
pyk	Compressed File
qda	Quadruple D Archive
r0	WinRAR Compressed Archive
r00	WinRAR Compressed Archive
r01	WinRAR Split Archive Part 1
r02	WinRAR Split Archive Part 2
r03	WinRAR Split Archive Part 3
r1	WinRAR Multi-Volume Archive Part 1
r2	WinRAR Multi-Volume Archive Part 2
r21	WinRAR Split Archive Part 21
r30	WinRAR Split Archive Part 30
rag	RAGS game file. A game playable in the RAGS game-engine
rar	WinRAR Compressed Archive
rar5	WinRAR Compressed Archive
ratdvd	RatDVD Disk Image

Table 7-4   Compressed+Archive *(continued)*

Extension	Description
rcl	Easy CD and DVD Creator 6 Project
rev	RAR Recovery Volume Set
rk	WinRK File Archive
rp9	RetroPlatform Disk Image Archive
rte	RTE Encoded File
rz	Rzip Compressed File
s00	ZipSplitter Part 1 Archive
s01	ZipSplitter Part 2 Archive
s02	ZipSplitter Part 3 Archive
s7z	Mac OS X 7-Zip File
sdi	Windows System Deployment Image
sdn	Shareware Distributors Network File
sdsk	SafeHouse Private Storage Volume
sea	Self-Extracting Archive
sfx	Windows Self-Extracting Archive
shar	Unix Shar Archive
shk	ShrinkIt Archive
shr	Unix Shell Archive File
simg	Synclavier Disk Image File
sit	StuffIt Archive
sitx	StuffIt X Archive
smi	Self-Mounting Disk Image
smpf	Sprite Monkey Project
snb	S Note File
sopt	Synclavier Optical Disk Image File

Table 7-4   Compressed+Archive *(continued)*

Extension	Description
sparsebundle	Mac OS X Sparse Bundle
sparseimage	Mac OS X Sparse Image
sqfs	Squash FS Bootable File
sqx	SQX Archive
srep	SuperREP Compressed File
st	Atari ST Disk Image
swm	Split Windows Imaging Format File
sy_	Compressed SYS File
t64	Commodore 64 Tape Image File
tao	Track at Once CD/DVD Image
tar	Group of files packaged as one file
taz	Tar Zipped File
tb	Tabbery Virtual Desktop Tab file
tbz	Bzip Compressed Tar Archive
tbz2	Tar BZip 2 Compressed File
tg	Gzip Compressed Tar Archive
tgz	Gzipped Tar File
tib	Acronis True Image File
tlz	Tar LZMA Compressed File
tlzma	LZMA Compressed Tar Archive
toast	Toast Disc Image
tx_	Compressed Text File
txz	XZ Compressed Tar Archive
tz	Zipped Tar Archive
tzx	ZX Spectrum Tape Image File

Table 7-4   Compressed+Archive *(continued)*

Extension	Description
uc2	UltraCompressor 2 Archive
udf	Universal Disk Format File
ufs	FreeBSD Unix File System File
uha	UHarc Compressed Archive
uibak	UltraISO Backup Disk Image
uif	Universal Image Format Disc Image
uzip	Compressed Unix File System File or FreeBSD Compressed Disk Image
vaporcd	Norum Vapor CD
vc6	Virtual CD 6 CD Image
vc8	Virtual CD 8 Disc Image
vcd	Virtual CD or FarStone Virtual Drive
vco	Virtual CD Collection File
vcx	Virtual Disc Definition File
vhdx	Windows 8 Virtual Hard Drive File
vmwarevm	VMware Fusion Virtual Machine
volarchive	CopyCatX Volume Archive
vsa	Altiris Virtual Software Archive
vsi	Visual Studio Content Installer File
wii	Scrambled Wii Disc Image
wil	WinImage Disk Image List
wim	Windows Imaging Format File
winclone	Winclone Image
wlz	WinImage Compressed Disk Image Set
wmt	WinMount Virtual Disk File

Table 7-4 Compressed+Archive *(continued)*

Extension	Description
x64	Commodore 64 Disk Image
xa	GEAR CD/DVD Disc Image
xdi	WinArchiver Extended Disc Image File
xef	WinAce Encrypted File
xez	eManager Template Package
xmcdz	Mathcad Compressed Worksheet File
xva	XenServer Virtual Appliance File
xx	XXEncoded File
xz	XZ Compressed Archive
yz	YAC Compressed File
yz1	Yamazaki ZIPPER File
z	Unix Compressed File
z01	WinZip First Split Zip File
z02	WinZip Second Split Zip File
z03	WinZip Third Split Zip File
z04	WinZip Fourth Split Zip File
zfsendtotarget	Compressed Folder
zi	Renamed Zip File
zip	Zipped File
zipx	Extended Zip File
zix	WinZix Compressed File
zl	Zlib Compressed File
zsplit	Archiver Compressed Split File
zz	Zzip Compressed Archive

File Extensions of type 'Data'

Table 7-5   Data

Extension	Description
!bt	BitTorrent Incomplete Download File
!qb	qBittorrent Partial Download File
_eml	Windows Live Mail Email File
_nws	Windows Live Mail Newsgroup Copy File
{pb	Corel WordPerfect Document Index File
~hm	HostMonitor TestList Backup File
1pe	TurboTax Form File
1ph	TurboTax File
323	H.323 Internet Telephony File
3dr	3D Rad Project File or 3DMark Results File
3dt	3D Topicscape File
3me	TurboTax Form File
3pe	TurboTax 2008 Form File
4dv	4D View Ultrasound File
4fs	Puppy Linux Save State File
73c	TI-73 Constant File
73l	TI-73 Data List File
83p	TI-83 Calculator File
8xg	TI-83/84 Plus Group File
8xk	TI-83 Plus Application Upgrade File
8xp	TI-83 Plus Calculator File
8xs	TI-83/84 Plus String File
8xv	TI-83/84 Plus Variable File

Table 7-5 Data *(continued)*

Extension	Description
a1wish	Audials Wishlist File
a3l	Authorware 3 Library
a3m	Authorware 3 Macintosh File
a3w	Authorware 3 Windows File
a4l	Authorware 4 Library
a4m	Authorware 4 Macintosh File
a4w	Authorware 4 Windows File
a5l	Authorware 5 Library
a5rpt	Alpha Five Project Report File
a5wcmp	Alpha Five Web Components File
a65	Authorware 6.5 File
aam	Authorware Map File
aao	Agenda At Once File
aawdef	Ad-Aware Definitions File
abcd	AudioVisual Book Data File
abdata	Adobe Bridge Data File
abi	DNA Chromatogram File
abkprj	Ashampoo Backup Project
abp	AVS Barcode Profile
abr	Adobe Photoshop Brushes File
abt	Annotated Braille Text File
aby	AOL Address Book File
ac$	AutoCAD Temporary File
aca	Agent Character Animation File
acc	Graphics Accounts Data File

Table 7-5   Data *(continued)*

Extension	Description
acg	Audio Comparer Group File or Agent Preview File
acr	Audio Comparer Results File
acs	Agent Character File
acsm	Adobe Content Server Message File
acz	AppCraft Project
ad	After Dark Screensaver
adcp	Adobe Device Central Project File
add	Dynamics AX Developer Documentation File
adobebridge	Adobe Bridge URL FIle
adox	ActivDox Document
adu	Addict User Dictionary File
advs	Adobe Device Central Device Set
adx	Approach Index File
aepkey	Advanced Encryption Package Key File
afe	Avid File Exchange File
afploc	Apple Filing Protocol Location
aft	Ancestry.com Family Tree Database
agd	AgileGraph Data File or Agile Advantage E-mail Attachment
aggr	Adobe Captivate Aggregate File
aglib	Adobe Photoshop Lightroom Library
agtoolkit	Adobe Photoshop Lightroom Toolkit
ahd	Dynamics AX Online Help Data File
ahi	Dynamics AX Online Help Index File
aifb	AIF Builder Project File
aim	AOL Instant Messenger Launch File

Table 7-5 Data *(continued)*

Extension	Description
aiv	AIVault Data File
alc	Dynamics AX Label Description File
ald	Dynamics AX Application Label Data File
ali	Dynamics AX Label Index File or RoboHelp Alias File
amb	All My Books Database File or AIMMS Model File
amc	Ant Movie Catalog File
aml	Microsoft Assistance Markup Language File
amm	All My Movies Database File
amsorm	OnLine Ringman Auction Client File
amu	PictureGear Studio Photo Album File
an1	Street Atlas USA Draw File
anme	Anime Studio Document
annot	Adobe Digital Editions Annotations File
ansym	Adobe Edge Animate Library File
anx	HotDocs Answer File
aod	Dynamics AX Object Data File
aol	America Online File
apalbum	Aperture Album File
apf	Adobe Profile File
aph	Ability Album File
aplibrary	Aperture Library
apnx	Amazon Page Number Index File
appup	Erlang Application Upgrade File
apxl	Keynote Presentation Data File
ara	Archivaldo Resource Archive

Table 7-5   Data *(continued)*

Extension	Description
arff	Attribute-Relation File Format
arh	ArheoStratigraf Project File
ashprj	Ashampoo Burning Studio Project
asnd	Adobe Sound Document
ats	Advanced ETL Transformation Script
attr	iPhoto Attributes File
aty	3D Topicscape file, produced when an association type is exported by 3D Topicscape. Used to permit round-trip (export Topicscape, change files and folders as desired, re-import them to 3D Topicscape)
atz	Atomic Time Zone File
auz	Ableton Authorization File
ava	AvaaBook eBook
avastlic	Avast! License File
avc	Kaspersky Virus Database
avenirproj	StoryMill Project
avgdx	AVG Diagnostics File
avj	AntiVir Job File
avp	AntiVir Profile
aw	Answer Wizard File
awc	Emulex AWC Firmware Update File
awdb	Access Walker Database File
awkw	Awkwords Word Generator File
az!	Vuze Partial Download File
azw	Amazon Kindle eBook File
azw1	Amazon Topaz eBook

Table 7-5 Data *(continued)*

Extension	Description
azw3	Amazon KF8 eBook File
azw4	Amazon Print Replica eBook
azz	AZZ Cardfile Database File
azzx	Uncompressed AZZ Cardfile Data File
bafl	BurnAware File List
baserproj	DNA Baser Project File
bbl	BibTeX Generated Bibliography File
bc	Adobe Bridge Cache File or BitComet Partially Downloaded File
bc!	BitComet Incomplete File
bcc	Calendar Creator File
bci	Belarc Advisor Report File
bcl	Illumina Base Call File
bct	Adobe Bridge Thumbnail Cache File
bdf	Binary Data File or Bulk Data Input File
bdic	Chrome Dictionary File
bfc	Windows Briefcase File
bfx	Bitware Fax Document
bgt	Graphics Accounts Data File
bho	Behold Organize File
bib	BibTeX Bibliography Database or Bibliography Document
bin	Generic Binary File
bionix	BioniX Wallpaper Playlist File
bjo	TabRite Tablature File
bk	FrameMaker Book File
bkk	BookBuddi eBook File

Table 7-5   Data *(continued)*

Extension	Description
bkmk	Yummy FTP Bookmark File
blb	Blob Data File
bld	Envisioneer Building Project File
blg	Windows Binary Performance Log File or BibTeX Log File
bli	Thomson Speedtouch Firmware File
bln	Golden Software Blanking File
blockplt	LEGO MINDSTORMS NXT Block Palette File
blogthis	Windows Live Writer Data File
bm2	Boardmaker Interactive Board File
bnd	DB2 CLI Bind File
bnk	Spotify Playlist File
book	iBooks Author Document or Budget In Brief Book File
booktemplate	iBooks Author Document Template
bootskin	Stardock Bootskin File
box	E-mail Mailbox or Microsoft Store Download File
bp2	AutoCAD Batch Plot File
bp3	AutoCAD Batch Plot File
bpd	Business Plan Pro Document or Binary Printer Description File
bpdx	Business Plan Pro Document or Acrobat Batch PDX File
bpnueb	PNU eBook File
bqy	Brio Query File
brain	PersonalBrain Mind Map File
brf	Braille Ready Format File
brl	MicroBraille File
brs	RoboHelp Browse Sequence File

Table 7-5   Data *(continued)*

Extension	Description
brushcategory	Painter Brush Category File
brushlibrary	Painter Brush Library
brw	Calyx Point Borrower File
bsdl	Boundary Scan Description Language File
bst	BibTeX Style Document
bt!	BitSpirit Incomplete Download File
btf	NationsBank Check Images
btif	NationsBank Check Image File
btinstall	uTorrent Installer File
btm	BizTalk Map File
bvp	VodaHost BlueVoda Project File
c2u	Texas Instruments CBL 2 OS File
c3d	Coordinate 3D File
c4p	CrossOver Software Installer File
ca	Initial Telnet Cache
cadc	Corpatla Data Container File
calb	Coolect Album File
calibre	Calibre Device Data File
camm	Espresso Mind Map Document
cas	Autodesk Cascade License File
cat4d	Cinema 4D Catalog
cav	Comodo Virus Definitions File
cawr	Espresso workreport Document
cbc	Comic Book Collection
cbds	Comic Book DS File

Table 7-5   Data *(continued)*

Extension	Description
cbg	ChessBase Game Moves File or CyberGauge Data File
cbmap	Containment Breach Map File
cbt	Computer Based Training File
cbxml	CodeBox Library
cca	Multimedia Fusion File or cc:Mail Archive File
cch	Corel Chart File or .NET Security Resolution Cache File
ccr	ASTM Continuity of Care Record
cct	Director Protected Cast Resource
cdf	Common Data Format or Affymetrix Chip Definition File or NetCDF Format File or Content Definition File or Nominal Small Business Accounting Company Data File
cdf-ms	ClickOnce Compiled Manifest File
cdp	CD/Spectrum Pro File or ConceptDraw PROJECT File
cdpx	ConceptDraw PROJECT XML File
cdpz	ConceptDraw PROJECT Document
ceb	Apabi eBook File
cel	Affymetrix Probe Results File or Battery 3 Drum Cell File
celtx	Celtx Project File
certsigningrequest	Apple Developer Signing Certificate Request File
cex	SolidWorks Enterprise PDM Vault File
cfs	CFS Console File or Lucene Compound Index File
chc	HCFR Colorimeter Data File
chksplit	Archiver Split Checksum File
chn	Ethnograph Data
chunk001	File Splitter Split Archive Part 1
chv	ChView Interactive Star Map File

Table 7-5   Data *(continued)*

Extension	Description
chw	Compiled Help Index File
ckt	CircuitMaker File
cl	Cursor Library
cl2	HY-TEK Meet Results File
cl4	Easy CD Creator 4 Project File
classlist	SMART Notebook Class List File
cld	ClamAV Virus Definitions File or Canon CD Label Template
clix	CLIX Command File
clk	Corel R.A.V.E Project File
clkk	Clicker Keyboard
clkt	Clicker Template
clkw	Clicker Word Bank
clkx	Clicker Grid Set
clm	MagicJack Call Log File or GenePattern CEL Descriptor File
clr	Flash Color Set
clx	Standard Dictionary File
cm10	CaseMap 10 Case File
cmap	CmapTools Concept Map File
cmbl	Logger Pro Data File
cmm	Corel Multimedia Manager Album
cn1	CNR Modem Initialization Data File
cna	Catena Project File
col	Capture One Session File
collection	Adobe Bridge Collection File
compositionmodel	Invantive Composition Data Model File

Table 7-5 Data *(continued)*

Extension	Description
contact	Windows Contact File
contour	Contour Screenplay File
cp3	Grand Prix 3 Cockpit Shape File
cpk	DTM Test Log File
cpmz	Miradi/ConPro Project File
cptl	Adobe Captivate Project Template File
cptx	Adobe Captivate Project File
cpu	Virtual CPU File
crashed	AbiWord Crash-Saved Document
crd	Windows CardSpace File or Guitar Tabs
credx	CredX Dat File
crev	Adobe Captivate Commentable SWF File
crtx	Office 2007 Chart Template File
cry	CryENGINE Map File
csa	PNA Code Calset File
csl	CineStyle Color Lookup File
csutil	ColorSync Utility Folder
ctf	WhereIsIt Catalog File or AVG Update Control File or Content Transformation File
ctg	Canon Digital Camera Catalog File
ctproject	CrazyTalk Animator Project File
ctt	Messenger Contact List
ctv	Citavi Project
ctv3	Citavi 3 Project File
cul	Windows Cursor Library

Table 7-5   Data *(continued)*

Extension	Description
cursorfx	CursorFX Theme File
curxptheme	CursorXP Theme File
cvd	Bitdefender Virus Definition File or ClamAV Virus Definitions File
cvf	CPU-Z Validation File
cvn	CineVision Encoding Session
cww	Crossword Weaver Puzzle File
cwz	Circuit Wizard File
cxa	FMAT Listmode File
cxd	SimplePCI Data Document
cxf	Chemical Exchange Format File or Cuttlefish Extended Format File or Picasa Collage File
cxr	FMAT Plate Results File
cyo	Clustify Output File
cys	Cytoscape Session File or Clustify Summary File
czi	Carl Zeiss Image Data File
czp	ClozePro Archive
d3md	DART Metadata File
da2	DeepAnalysis Save File or Ad-Aware License File
dal	DVD-lab Project File or Download Accelerator Plus URL List
dam	DeltaMaster Analysis Model
das	DeltaMaster Analysis Session
dat	Generic data file or Nonimmigrant Visa Application Data File or Porteus Save Container File or Piriform Data File or Inno Setup Uninstaller Data File or Exchange E-mail Attachment
data	Analysis Studio Offline Data File
db-	Norton Nprotect Database File

Table 7-5   Data *(continued)*

Extension	Description
dbd	DemoShield Project
dbgsym	Debug Symbols File
dcmd	DiskCatalogMaker Thumbnail-Enabled Catalog
dcmf	DiskCatalogMaker Catalog
dcover	Disc Cover File
dcpf	Disc Copier Project File
dcpr	Adobe DNG Camera Profile Recipe File
dct	AutoCAD Dictionary File or Dictionary File
dctmp	DC++ Partially Downloaded File
ddc	DivX Descriptor File
ddcx	DivX Descriptor 2 File
dde	Lingvo Dictionary Error Log File
ddi	Vocaloid phoneme library (Japanese, English, Korean, Spanish, Chinese, Catalan)
ddt	Diagram Designer Template
decrypt	Decrypted Microsoft ESD File
deproj	Disketch Project File
det	Sage ACT! 5 Email Message
develve	Develve Data File
deviceinfo	Device Record
devicesalt	NOOK Device Salt File
dfproj	DVD Flick Project
dfu	LaTeX Font Encoding File
dgs	3D Screen Creator Scene File
dhcd	DHCD Computing Application Data File

Table 7-5   Data *(continued)*

Extension	Description
dht	GAUSS Data Set Header File
dic	Dictionary File
dict	Dictionary File
dif	Data Interchange Format
dii	Summation Batch Load File
disabled	Spybot - Search & Destroy Disabled File
diskdefines	Linux LiveCD Information File
dita	DITA Document
ditamap	DITA Topic Map File
ditaval	DITA Conditions File
djm	Dynojet Map File
dke	DriveLock FDE Disk Key File
dkt	DiGiTIAL THUNDER Drum Kit File
dl	Dynamic Library
dlm	Akamai Download Manager File
dlt	DELTA Binary Dataset File
dm2	Toad Data Modeler 2 File
dmc	Datamartist Data Canvas File
dmm	iMindQ Mind Map File
dmmx	iMindQ XML Map Bundle
dmo	Movienizer Database File or Derive Demo
dmpr	Direct Mail Project File
dmr	BrainVoyager Diffusion Weighted Project File
dmsp	PhotoSuite Project File
dmx-info	DriverMax Driver Information File

Table 7-5   Data *(continued)*

Extension	Description
dna	SnapGene DNA File or GenePool DNA File
dnl	DNAML eBook File
doc#	LibreOffice Document Lock File
dockzip	ObjectDock File
downloading	Pando Incomplete Download File
dpb	DVD Profiler Backup File or FaxMaster Document
dpn	Depiction Data File
dpt	Kingsoft Presentation Template
dr	DRM Rights Object
drc	DRM Rights Object
drl	Gerber Drill Rack File
drscan	Data Rescue Scans File
dsb	Wondershare DVD Slideshow Builder Project or Orchida Embroidery File
dsc	Debian Source Control File or Celestia Deep Space Catalog File or Nikon Disk Identification File or Description File
dskin	DockX Skin
dsl	Lingvo Dictionary File
dstudio	DownloadStudio Incomplete Download
dsx	Diet Studio XML File
dsy	Directory Synchronizer Project File
dsz	Orchida (OES) Embroidery File
dt	Drum Station Machine State File
dt_	Macintosh Data Fork
dta	Chain Engineering Database
dtr	DATroniC Data Recording

Table 7-5   Data *(continued)*

Extension	Description
dump	Google BreakPad Crash Log File
dupx	DuupeCheck database management tool project file
dus	Readiris Font Dictionary
dvdproj	iDVD Project File
dvds	DVDStyler Project File
dvo	Cook'n Cookbook File
dwc	Emulex DWC Firmware Update File
dwi	Dance With Intensity Song File
dwl	TurboCAD Drawing Lock File
dwlibrary	Paperless Document Library
dwn	Firmware Update File
dws	Adobe Dreamweaver Site Cache File
dwz	DVD MovieFactory Project File
ea	Kindle End Actions File
eal	Kindle End Actions File
eas	RSLogix Symbol File
ebk	eBook Pro eBook File
ebn	Philips Firmware Update File
ec0	MetroCount Traffic Data File
ec3	EPSON Print CD File
ec4	EPSON Print CD File
ecc	dvdisaster Error Correction File
ecl	Management-Ware Mass Mailing News E-Campaign List
ect	Yozo Office Chart Template File
edat2	E-DataAid 2.0 File

Table 7-5   Data *(continued)*

Extension	Description
edc	Kryptel Lite Encrypted File
edfx	Estimator.NET Estimate File
edg	Edge Diagrammer File
edi	Electronic Data Interchange File
edn	Adobe eBook Activation File
eek	Arachne Network-Enabled Script
eep	EEPROM Data File
ef	Diploma Exam File
ef2	Internet Download Manager Export File
efp	Exchange Forms Designer Template
efx	eFax Document
eglib	Adobe Edge Animate Library File
egp	Easy Grade Pro Gradebook File
ekb	ZMC Visual Tablet Data
em	Encore Menu Template
email	Outlook Express Email Message
emb	Pfaff Embroidery Design File or Wilcom Embroidery Design File or Everest Embedded Bank File
emd	ChessBase Tablebase
emlxpart	Mail Message Attachment
emrg	E-Merge 1.x Data File
emrg2	E-Merge 2.0 Data File
enc	Electronic Navigation Chart File or Encore Musical Notation File
enex	Evernote Archive
enf	EndNote Filter File

Table 7-5 Data *(continued)*

Extension	Description
enl	EndNote Library
enlx	Archived EndNote Library
enml	Evernote for Android Note
enq	EndNote Search Options File
env	Adobe Dictionary Data File
enw	EndNote Import File
epw	EnergyPlus Weather Data File
eqn	WordPerfect Equation
er1	ERWin Entity Relationship Diagram
erp	Encarta Researcher File
ersx	Eraser Task List File
es2	E-Studio 2.0 Experiment File
esb	Es-Builder Book File
esd	Windows Electronic Software Download File
ese	Millions Email Generator Email List File
esp	ACD/Labs Dataset
esq	Embroidery Sequence File
esx	Xactimate Insurance Claims Estimate
et	Easiteach Lesson File or Kingsoft Spreadsheets File
etd	Adobe Reader EBX Transfer Data File
ett	Kingsoft Spreadsheets Template
ev	Echoview File
ev3	LEGO MINDSTORMS EV3 Project or Team Manager Meet Event File
ev3p	LEGO MINDSTORMS EV3 Program

Table 7-5   Data *(continued)*

Extension	Description
ev3s	LEGO MINDSTORMS EV3 Shared File
event	Corel Cataloged Folder File
evy	Envoy File
ews	EasyWorship Schedule File
exm	Boson Exam File
exp	Export File or Aurora Expert Trace File
exportedfavorites	Transmit Exported Favorites File
extra	Google BreakPad Crash Log Extra File
exx	IBM Linkway MsgPut File
eyb	Microsoft Encarta Yearbook Update File
ezlog	Skype Extras Manager Log File
f04	Nastran Execution Summary File
f06	Nastran Output File
fa	FASTA Formatted Sequence File
familyfile	Reunion Family File
fb2	FictionBook 2.0 File
fbq	Trine 2 Data File
fct	FolderClone Task List
fdm	Exchange Forms Designer Form Message
fdr	Windows Error Report File
fdt	Lucene Field Data File or Impromptu Function Description Table File
feedback	Expression SketchFlow Feedback File
ffd	Flat File Descriptor or SharePoint FFDDumper Log
ffindex	FFmpegSource2 Media Index

Table 7-5   Data *(continued)*

Extension	Description
ffo	Adobe Photoshop File Information File
ffwp	FormsForWeb Packet
fg3	FX Graph 3 File
fhc	FHC Data File
fil	Files List Object File
file	Generic Windows File
fkb	Flipkart eBook File
fl3	Flash 3D File
flam3	Fractal Flames File
flame	Fractal Flames File
flf	Microsoft Dynamics NAV License File
flg	HP System Recovery Flags File
flipchart	ActivInspire Flipchart File
flk	Folder Lock File or AccountEdge Company Lock File
fll	FoxPro Dynamic-Link Library
flm	Adobe Scout Session
flo	RFFlow Flowchart File or iGrafx FlowCharter File
flow	Expression SketchFlow Data File
flowmaplibrary	Painter Flowmap Library
flt	Flight Simulator Saved Flight
flwa	Folder Lock Wallet File
fmat	FMAT Runfile
fmelic	FME License File
fnbk	Food Network Recipe Manager Data File
fnd	Windows Saved Search

Table 7-5   Data *(continued)*

Extension	Description
fnlf	Scarlett Plug-in Suite License File
fnrecipes	Food Network Recipe File
fo	XSL-FO Form
fob	Dynamics NAV Object Container File
fodp	OpenDocument Flat XML Presentation
folx	Folx Download File
fop	InfoZoom Protected Data File
fox	InfoZoom Data File
fpa	Front Panel Encrypted Order File
fpfv	File Protected From Virus
fpsl	FileMaker Pro Snapshot Link
fqc	FAQ Creator File
frd	Frequency Response Data File
frk	Macintosh Resource or Data Fork
frl	Electronic Form Loader File
fro	dBASE IV Compiled Report
frz	Locked FormFlow File
fsc	Practical Scriptwriter File
fsif	MyLabel Designer Deluxe Data File
fss	Splitty Data Split File
fstab	File Systems Table File
ftil	e-Hastakshar Contract Note
ftl	Family Tree Legends File
ftploc	FTP Location
ftw	Family Tree Maker File

Table 7-5 Data *(continued)*

Extension	Description
fw	Firmware Update File
fxf	BigFix Action File
g3a	Casio Prizm Add-in File
ga3	Graphical Analysis 3
gadgeprj	Gadge It Project
gal	GenePix Array List File
gallery	SMART Notebook Gallery File
gallerycollection	SMART Notebook Gallery Collection File
galleryitem	SMART Notebook Gallery Item File
gan	GanttProject Project File
gau	Flight Simulator Gauge File
gb	GenBank Data File
gbk	GenBank Data File
gbl	Gerber Bottom Layer Data File
gbo	Gerber Bottom Overlay Data File
gc	GraphClick File
gcg	GCG DNA Sequence File
gcw	Microsoft Mathematics Worksheet
gcx	Grapher Graph File
gedata	Qlucore Data File
gedcom	GEDCOM Genealogy File
gexf	Graph Exchange XML Format File
gform	Google Drive Form
gfs	Glarysoft Split File
gg	Google Desktop Gadget File

Table 7-5   Data *(continued)*

Extension	Description
ggb	GeoGebra Document
gis	CFS Console Game Installer Settings File
gla	Sothink SWF Easy Project File
glink	Google Drive External File Shortcut
glo	RoboHelp Glossary File
gly	Word Glossary File
gml	Graph Modeling Language File or Gerber Mill Layer File
gno	GenoPro Genealogy Tree File
gnp	GNPeak Output File
gnutar	GNU Tar Archive
god	God Configuration File
gp3	Guitar Pro 3 File
gpg	GNU Privacy Guard Public Keyring
gpi	Garmin Point of Interest File or Gerber Photoplotter Information File
gpp	Guitar Practiced Perfectly 2 Data File
gpr	GenePix Results File or Babylon Glossary Builder Project File
gra	Microsoft Graph File
grade	GradeStat Document
gradientlibrary	Painter Gradient Library
graphml	GraphML File
graphmlz	Zip Compressed GraphML File
grf	DPlot Graph File or CloverETL Data Transformation Graph or Grapher Graph File or Generic Graph File
grk	Gradekeeper Class Gradebook File
growlregdict	Growl Temp File

Table 7-5   Data *(continued)*

Extension	Description
grr	Gradekeeper Class Roster File
grt	Grapher Template
grv	Office Groove File
gta	Microsoft Groove Tool Archive
gtar	GNU Tar Archive
gtl	Gerber Top Layer Data File
gtm	GreekToMe Translation File
gto	Gerber Top Overlay Data File
gui	Dr.Explain Project File
guides	xScope Guides File
gwk	GraphiCode PCB Job File
gwp	Greetings Workshop Project File
gxl	Graph Exchange Language File
h10	At Home Canada 2010 Tax Return
h11	At Home Canada 2011 Tax Return
h12	At Home Canada 2012 Tax Return
h1q	Microsoft Help Merged Query Index File
h2o	H2OMAP Master Project
h77t	MGD77T Header File
hcc	HydroCAD Prefab Chamber Data File
hce	HydroCAD Hydrograph Data File
hci	HydroCAD IDF Data File
hcl	HotDocs Clause Archive
hcr	HydroCAD Rainfall Curve Data File
hcu	Hydrograph Units Definitons File

Table 7-5 Data *(continued)*

Extension	Description
hcx	ChartXL Chart
hda	HotDocs Auto-Assemble File
hdk	HotDocs Registration File
hdl	HotDocs Library File
hdpmx	HotDocs Publisher Mapping XML File
hds	Microsoft PlayReady Data File
hdumx	HotDocs User Mapping XML File
hdx	Delphi MultiHelp Index File
helpindex	Help Index Document
hex	Hexadecimal Source OR Dump File
hif	Quicken Online File
hjt	TreePad 6 Database File
hkdb	Apple iTunes Library File
hl	HeuristicLab Storage File
hlb	VMS / VAX Help Library
hlx	ATI Radeon Video Driver Support File
hm3	Help & Manual 3 Project
hml	HostMonitor TestList File
hmt	HighMAT File
hmx	Help & Manual 4 Project
hmxp	Help & Manual XML Project
hmxz	Help & Manual Compressed Project
hol	Outlook Holidays File
hps	HP Digital Sender Metadata File
hs2	HyperRESEARCH 2 Study File

Table 7-5   Data *(continued)*

Extension	Description
hsk	Huskey Truss & Building Supply Import File
hst	History File
htb	Audacity Help File
htg	HackTheGame Mission Pack
html0	Book Designer File
htmlz	Zipped HTML eBook
htxt	Hanvon eBook File
htz4	HyperMaker 4 Publication
htz5	HyperMaker 5 Publication
huh	HydroCAD Unit Hydrograph Definitions File
hvc	HotDocs Variable Collection File
hxa	Microsoft Help 2 Attribute Definition File
hxc	Microsoft Help 2 Collection Definition File
hxe	Microsoft Help 2 Sample Definition File
hxk	Microsoft Help 2 Index File
hxt	Microsoft Help 2 Table of Contents File
hyv	Team Manager Meet Event File
i5z	IUCLID 5 Import/Export File
ias	Intermodulation Analysis System File
ibatemplate	iBooks Author Document Template
ibcd	InstantBingoCard Document
ibooks	Multi-Touch iBook
ical	iCalendar File
icalendar	iCalendar File
icalevent	iCal Event File

Table 7-5   Data *(continued)*

Extension	Description
icaltodo	iCal To Do File
icg	Image Comparer Gallery File
ichat	iChat Saved Chat Log
icma	InCopy Assignment File
icontainer	CandyBar iContainer File
icr	Image Comparer Results File
ics	iCalendar File
id	Lotus Notes User ID File
id2	Windows Live Messenger Emoticon File
ies	IES Photometric Data File
ifaith	iFaith SHSH File
ifiction	iFiction Metadata File
ifl	3ds Max Image File List
ifs	InfoSlips Package
ifx	Interactive Financial Exchange XML-based specification for various forms of financial transactions
igc	Anime List Builder Input File
igg	SuiteProfiler Color Map File
igma	INTUS Graph Mask Archive
ign	RoboHelp Ignore List File
ii	IconWorkshop Extended Information File
iif	Intuit Interchange Format File
iix	Translation Memory Index File
imageportfoliolibrary	Painter Image Portfolio Library
imapmbox	IMAP Mailbox

Table 7-5   Data *(continued)*

Extension	Description
imr	Impromptu Report File
imt	My Time Data File
imy	iMelody Ringtone File
in	Input File or Spyware File
inca	InCopy CS3 Assignment File
incp	InCopy CS3 Package File
indk	Adobe Shortcut Set File
inetloc	Internet Location
inf	Similar file format to INI file; used to install device drivers under Windows.
info	Generic Information File or Texinfo File or ZoomBrowser Image Index File or Drupal Module Information File
ing	MasterCook Ingredients File
inlk	Adobe InDesign Lock File
inm	FaxMaster Document
ins	LaTeX Installer Script or Inspiration File
iobit	Advanced SystemCare Rollback File
ip	IconPackager Theme File
ipalias	iPhoto Alias File
iphoto	iPhoto Library File
iplb	iPhoto Library Archive Document
ipmeta	Apple iPhoto Metadata File
iproject	iClone Project File
ipsw	iPod and iPhone Software Update File
irp	Internet Researcher Project File
irr	Brewer Lamp File

Table 7-5   Data *(continued)*

Extension	Description
irx	Brewer Irradiation File
is1	Synergy/DE Data Index File or M3 Sakura Real-Time Save 1 File
isf	Inspiration Flowchart Document
ish1	Animation-ish Wiggledoodle-ish Document
ish2	Animation-ish FlipBook-ish Document
ish3	Animation-ish Advanced-ish Document
isn	Installer Source Files
ispc	Image Surfer Pro Collection File
itc	iTunes Cover Flow Data File
ite	iTunes Extras File
itl	iTunes Library File
itlp	iTunes LP Album File
itm	iThink Model File
itmsp	iTunes Store Package
itn	TomTom Navigator Itinerary File
itx	ITX Form Template
iup	Fritz Update File
ivc	InteliSea Vessel Configuration File
ivd	Bitdefender Incremental Virus Definitions File
ivt	Beyond 20/20 Table File
iw	Chain Engineering Database File
iwxdata	iWorx Data File
ix2	WordPerfect Address Book File
ixb	Ulead Disc Image
jad	Java Application Descriptor File

Table 7-5 Data *(continued)*

Extension	Description
jasper	JasperReports Data File
jbi	Motoman Robot Job File
jc	FlashGet Partial Download
jc!	FlashGet Incomplete Download
jclic	JClic Project File
jdat	J&ASoft Data File
jdb	Symantec Endpoint Protection Update File
jef	Janome Embroidery Format
jgcscs	EditPad Custom Syntax Coloring Scheme File
jmp	JMP Data File
jnt	Windows Journal File
joboptions	Adobe Joboptions File
joined	HJ-Split Data File
jou	Patran Journal File
jph	JProbe Memory Snapshot
jqz	JQuiz File
jrprint	JasperReports Print File
jrs	Exchange Reserve Transaction Log File
jrxml	JasperReports Layout File
jsd	Jazer Data File
jsda	Jazer Data File
jtbackup	Just Type Backup File
jude	JUDE Project File
kap	BSB Chart Image File
kbs	Keyboard Script File

Table 7-5 Data *(continued)*

Extension	Description
kdc	Kaspersky Virus Database File
kdz	Kaspersky Virus Bases File
keb	Kaspersky Virus Bases File
keychain	Mac OS X Keychain File
key-tef	Keynote iCloud Presentation
khd	Dynamics AX Kernel Help Data File
khi	Dynamics AX Kernel Help Index File
kid	Kidspiration Document
kismac	KisMAC Webservice File
kmr	KnowledgeMill Link File
kmy	KMyMoney Data File
kno	DigIN Serialized Break Model
koob	Koob E-Book File
kpf	Komodo Project File
kpp	Kid Pix Presentation
kpr	KPresenter Presentation
kpx	Kid Pix Picture
kpz	Komodo Template File
kth	Keynote Theme
kvtml	KWordQuiz File
kwm	WebMoney Key File
kyr	Lotus Domino Key Ring File
l6t	Line 6 Tone File
lay	Tecplot Layout File or DVD Studio Pro Layout File
layoutdesigner	QuickBooks Layout Designer File

Table 7-5   Data *(continued)*

Extension	Description
lbx	FoxPro Label File
lcm	Lipikar Custom Map File
ld2	Lingoes Dictionary File
ldf	SQL Server Transaction Log File or Lingoes Dictionary Source File
ldif	LDAP Data Interchange Format File
legal	DaveTech Legal Document
letter	Undeliverable Mail File
lfo	Adware File
lfp	IPRO LFP File
lgc	WordPerfect DTD Compiler Logic File
lgf	PMSCAN Log File
lgh	HMI Historical Log File
lgi	Multimedia Logic File
lhr	Quicken Financial Life for Mac File
lib	Generic Data Library or Finale Library
lib4d	Cinema 4D Preset Library
lic	Software License File
licensekey	iPartition License Key File
lid	Kodak EasyShare Album File
lif	LEGO Digital Designer Assets File or TurboTax Information Archive
life	LIGHT File
link	iPod Link File
linx	iPod Links Folder
livereg	Symantec Antivirus Session File

Table 7-5 Data *(continued)*

Extension	Description
liveupdate	Symantec LiveUpdate File
lix	ExtendSim Simulation Software Library or Logos Library System File
llb	LabVIEW Library File
lms	LenMus Score File
lmx	Landmark Exchange File
lng	Language Application Support File or MAME Language File or AVG Language File
loc	GPS Location File
localstorage	WebKit Local Storage Data File
logonvista	LogonStudio Windows Vista Logon Screen
logonxp	LogonStudio Windows XP Logon Screen
looklibrary	Painter Looks Library
loov	Smadav Virus Definitions File
lp7	LP7 Digitally Signed File
lpdb	Librarian Pro Database File
lpmd	LPMD Molecular Data File
lpp	LabelPrint Project File
lrc	Lyrics File
lrcat	Adobe Photoshop Lightroom Catalog File
lrdata	Adobe Photoshop Lightroom Data File
lrs	Librie Reader Source File or Check Point License Request File
lrtoolkit	Adobe Photoshop Lightroom Toolkit
lrx	Sony Portable Reader File
ls3	Band-in-a-Box Third-Party Styles File
lsd	Lingvo Dictionary File

Table 7-5   Data *(continued)*

Extension	Description
lsl	LightScribe Label
lsm	LSMaker script file (program using layered .jpg to create special effects; specifically designed to render lightsabers from the Star Wars universe)
lsn	Finale Lesson File
lsr	LANsurveyor Report
lsu	LANsurveyor Map
lucidcolorset	Lucid Color Set File
lud	Lingvo User Dictionary File
lut	RadioRA Essentials Project Database
lutx	RadioRA 2 Essentials Project Database
lvm	LabVIEW Measurement File
lvw	Livewire Document
lw4	Lightwright File
lwd	Lightworks Data File
lwtp	LimeWire Theme Pack
lxa	Microsoft Speech Lexicon File
m12	Schiller medilog ECG Raw Data File
m77t	MGD77T Data File
mab	Mozilla Address Book
mad	Access Module Shortcut
mag	Magic Circuit Layout File or Access Diagram Shortcut File
mai	Microsoft Mail File
mailplanelicense	Mailplane License File
mailtoloc	Mail Internet Location File
mapsdata	iOS Maps Data File

Table 7-5   Data *(continued)*

Extension	Description
mart	MartView eBook File
mat	MATLAB MAT-File or Microsoft Access Table Shortcut File
mb	Kodak EasyShare Data File
mbb	ManaBook Book File or Kodak EasyShare Data File
mbd	Multimedia Builder Project File
mbl	Logger Pro Data File
mbp	MediaShow Burning Project File or Mobipocket Notes File
mbsa	Microsoft Baseline Security Analyzer File
mbt	Blue Card Manager Merit Badge Template File
mbx	Outlook Express Mailbox
mc1	MedCalc Data File
mc2	MasterCook 5 Cookbook File
mcd	Mathcad Document
mcdx	Mathcad Prime Document
mcfi	Maya Initial Fluid Cache File
mcfp	Maya Fluid Cache Playback File
mci	Media Control Interface File
mcmac	MasterCook Mac Document
mco	Live Messenger Winks File
mct	Windows Live Messenger Data File
mcusw	Nokia Firmware File
mcxe	MedicinesComplete Data File
md5	MD5 Checksum File
md8	Mediator Project File or GarageCUBE Modul8 Project

Table 7-5   Data *(continued)*

Extension	Description
mdl	MathWorks Simulink Model or Rational Rose Model File or Flight Simulator Airplane Model
mdm	HLM Multivariate Data Matrix File
mdt	Microsoft Access Data File
mdw	Access Workgroup File
mdx	Multiple Index File or MDict Dictionary File or Rational XDE Model File
mdz	Access Wizard Template
meg	MEGA Data File
mega	Megacubo XML Metafile
menc	Windows Mobile Encrypted File
merlin2	Merlin Project File
merlinlicense	Merlin License File
mfe	MobileFrame Enterprise Data File
mfil	Blizzard Software Update File
mfl	Mozilla FastLoad File
mfo	Perl ModInfo Descriptor File or MobileFrame Object File
mfp	MobileFrame Package or Macromedia FlashPaper Document
mfu	MobileFrame Update File
mfv	MobileFrame Device Pack File
mgd77	MGD77 Data File
mgdatabase	MacGourmet Deluxe Database File
mgmf	MindGenius Mind Mapping Software file format
mgo	MacGourmet Recipe File
mgourmet	MacGourmet Deluxe Document
mgourmet3	MacGourmet Deluxe 3 Document

Table 7-5 Data *(continued)*

Extension	Description
mgourmet4	MacGourmet Deluxe 4 Document
mgspot	MacGourmet Spotlight MetaData File
mgt	Musicnotes Guitar Guru Song File
mhp	Maths Helper Plus File
mindnode	MindNode Document
mission	MissionMaker Project File
mit	MineEdit Inventory Template File
mjbooktemplate	MacJournal Book Template
mjdoc	MacJournal Document
mjk	Question File
mk4	Schiller medilog ECG Raw Data File
mls	Milestones Simplicity File or CrystalPlayer Playlist
mm6	Money Manager 6 File
mma	Master Album Maker Photo Album File
mmap	MindManager Map File
mmc	Microsoft Media Catalog
mmcollection	Mail Manager Collection File
mmf	Meal-Master Recipe File or Microsoft Message File
mmm	Multiple Master Metric Data File or Money Manager File
mmo	Memory Map Overlay File
mmp	Master Album Maker Project or MindManager Mind Map
mmu	myPM Merge Data File
mmw	AceMoney Money File or Microsoft Clip Organizer Media Catalog File
mnk	My Notes Keeper Notebook

Table 7-5 Data *(continued)*

Extension	Description
mnl	AutoCAD Menu LISP File
mno	Macromedia Design Note
mnx	FoxPro Menu
mny	Microsoft Money File
mobileprovision	Xcode Mobile Provisioning Profile
moho	Anime Studio Animation Project
money	Money Data File
moneywell	MoneyWell Account File
montage	Montage Screenplay File
mosaic	MacOSaiX Mosaic File
mpcpl	Media Player Classic Playlist
mpi	InstallJammer Project File
mpj	RoboHelp HTML Project or Minitab Project File
mpkt	MOPEKS Trial File
mpp	Microsoft Project File or MobileFrame Project Publisher File
mppz	MagicPlot Project File
mpqe	Blizzard Encrypted Mo'PaQ File
mpt	Microsoft Project Template
mpx	Microsoft Project Exchange File
mpzip	Multisim Pack File
mq4	MetaTrader Custom Indicator
mrk	DPOF Auto Print Order File
ms10	Multisim 10 Circuit Design File
ms8	Multisim 8 Circuit Design File
msb	Oracle Binary Message File

Table 7-5 Data *(continued)*

Extension	Description
msct	MOPEKS Script File
msi	Windows Installer Package
msif	MyLabel Designer Deluxe Data File
mso	Microsoft Office Macro Reference File or Inline E-mail Attachment
msrcincident	Windows Remote Assistance Invitation File
ms-tnef	MS Transport Neutral Encapsulation Format
msu	Windows Vista Update Package
mta	Samsung AllShare Metadata File
mtd	Musicnotes Digital Sheet Music File
mtf	Mortality Table File or Translation Memory Translations File or MasterCook Tips
mth	Derive Math File
mthd	MOPEKS Method File
mtm	Macrofocus TreeMap File
mtq	Mustaq Data File
mtt	MetadataTouch Template
mtw	Minitab Worksheet File
mtxt	MOPEKS Text File
muf	Alpha Five License File
mup	Music Publisher Score
mvi	AutoCAD Movie Command File
mwf	MapGuide Author Map Window File or Translation Memory Word Find File
mwlic	MoneyWell License File
mws	Maple Classic Worksheet
mx	Mathematica Serialized Package File

Table 7-5 Data *(continued)*

Extension	Description
mxad	Mandelbrot Explorer All Data File
mxc2	MAGIX Cache File
mxdic	Maxthon Dictionary File
mxg	Miinoto Exchangeable Group File
mxi	Adobe Extension Information File
mxn	Miinoto Exchangeable Note File
myo	AccountEdge Company File
myob	MYOB Limited (Mac) File
mzz	Microsoft .NET Download Package
na2	Netscape Address Book File
nam	Aqua3D Network File or MODFLOW Name File
nap	McAfee ePO Network Associates Package
nas	Nastran Input File
nav	MSN Application Extension File
nav2	WinAVI Temporary Navigation File
nbe	Nessus Report File
nch	Outlook Express Folder File
ncorx	Adobe Encore Project
nct	Now Contact File
ncx	EPUB Navigation Control XML File
nd5	Renamed NDS File
ndb	ClamAV Extended Signature File
ndk	Lotus Notes Design Elements File
ndl	Lotus Notes Doclink File
nds	Nero DiscSpan Compilation File

Table 7-5   Data *(continued)*

Extension	Description
ndx	dBASE Index File or Neat 5 Archive File
nessus	Nessus Network Security Scanner File
neta	Netica Binary File
netspd	NetSpot Survey Project File
netspm	NetSpot Map File
nfl	Nokia Flash Lite Package
nfs	Network File System Temporary File
nick	Outlook 2000 Nickname File
njb	Nikon Photo Index File
nk2	Outlook 2002 Nickname File
nl	Note Ledge File
nlogo	NetLogo Model File
nlogo3d	NetLogo 3D Model File
nmind	NovaMind Mind Map File
nmp	NewsMaker Project File
nni	ANNI Neural Network Investing File
nnp	ANNI Neural Network Portfolio File
nomedia	Android No Media File
not	Notation File or Finale Note File
notebook	SMART Notebook File
nozzlelibrary	Painter Nozzle Library
np	Portfolio NetPublish File
npl	Nokia Playlist File
npt	Portfolio NetPublish Template
nrb	Nero CD-ROM Boot Compilation

Table 7-5   Data *(continued)*

Extension	Description
nrc	Nero Disc Compilation File
nrd	Nero DVD-Video Compilation File
nrf	Neat Document Folder File
nrl	Autonomy Interwoven Link File
nrm	Nero Mixed Mode CD Compilation
nrt	Neat Contact File
nru	Nero UDF CD-ROM Compilation
nrx	Neat Receipt Folder File
nsq	NScheduler Data File
nsr	Nessus Security Report File
nss	Magentic Screensaver File
nth	Nokia Series 40 Theme File
ntx	theWord Encrypted New Testament Text Module or Clipper Index File
nup	Smart Security Update File
nupkg	NetUpdate Package
nva	NVA Document
nvdl	NVDL Script
nvi	NVIDIA Driver File
nvl	UniChem Results File
nvm	PlayStation 2 BIOS Configuration File
nwcp	Nisus Clipboard Document
nwelicense	Nisus License
nwm	Sony NWM Display Screen File
nwp	Navisworks Presenter Material Palette File or Magentic Wallpaper File

Table 7-5   Data *(continued)*

Extension	Description
oab	Offline Address Book
ob!	Orbit Downloader Incomplete Download
obb	Android Opaque Binary Blob File
obd	Office Binder Document
occ	Oceanic DataPool File
ocr	Subtitle Workshop OCR Script
od	Mascopt Graph Request File
odc	OpenDocument Chart File
odx	BizTalk Server Orchestration File
oeaccount	Windows Mail Account File
oebzip	Zipped Open eBook File
oer	AU OER TOOL, Open Educational Resource editor
ofc	Open Financial Connectivity File
ofm	Melco Embroidery File or OmniForm Form
ofr	SMS Offer Manager File
oft	Outlook File Template
ofx	Open Financial Exchange File
ogs	Origons Movie Data File
olb	OLE Object Library
olk	Outlook Address Book File
olk14category	Outlook Category File
olk14contact	Outlook Contact File
olk14event	Outlook Calendar Event File
olk14group	Outlook Group File
olk14mailaccount	Outlook Mail Account File

Table 7-5 Data *(continued)*

Extension	Description
olk14message	Outlook Message File
olk14msgsource	Outlook Email Message Data File
olk14note	Outlook Note File
olk14signature	Outlook Signature File
olk14task	Outlook Task File
olm	Mac Outlook Database File
olt	Orbit Downloads List
omcs	Office Manager Access File
omp	Office Manager Document Archive
ond	Lotus Notes Encapsulated Memo File
one	OneNote Document
ont	theWord Bible Text Module
ontx	theWord Encrypted Bible Text Module
oo3	OmniOutliner 3 File
ook	Arachne Batch Script
op	OpenPAT Report
op2	Nastran Output File
op4	Nastran Output File
opal	Microsoft Office User Settings File
opax	Microsoft Office User Settings File
opdownload	Opera Partially Downloaded File
opf	FlipViewer FlipBook File or Open Packaging Format File or FlipAlbum File
opx	FlipAlbum Photo Album File or OrgPlus Org Chart
or2	Lotus Organizer 2 File

Table 7-5 Data *(continued)*

Extension	Description
or3	IBM Lotus Organizer 97 File
or4	IBM Lotus Organizer 97 GS File
or5	Lotus Organizer 5 File
or6	Lotus Organizer 6 File
org	Lotus Organizer File
ost	Outlook Offline Folder File
osz	OpenLP Service File
ot	theWord Old Testament Text Module
otc	OpenDocument Chart Template
otl	NoteTab Outline File
otln	Opal Outline File
otx	theWord Encrypted Old Testament Text Module
out	Generic Output File
ova	Open Virtual Appliance or Octava Musical Score
ovf	Open Virtualization File
ovolog	ooVoo Log File
owg	OutWit Gear Database
owm	OutWit XML Mashup File
p10	Certificate Request File
p2p	FolderShare Placeholder File
p3	Primavera P3 Project File
p7m	Digitally Encrypted Message
p7r	Certificate Request Response File
p7x	Packed Digital Signature File
pab	Personal Address Book

Table 7-5   Data *(continued)*

Extension	Description
pad	ACT! Database Pointer File
pakm	PAKM Package File
pamp	Poweramp Album Art File
pando	Pando File
pap	Corel Painter Paper Texture
paperlibrary	Painter Paper Library
part00000	WinOptimizer Split Archive Part 1
passwordwallet4	PasswordWallet 4 Data File
patternlibrary	Painter Pattern Library
paw	Pawaa File or Personal Ancestry Writer II File
pcap	Packet Capture Data
pcapng	Pcap-NG Packet Capture File
pcb	Printed Circuit Board Design File
pcr	PCMark Vantage Benchmark File
pd4	Windows Live Photo Gallery Information File
pd5	Windows Live Photo Gallery Information File
pdas	PDAStore Data Store File
pdfig	PDF Index Generator Project File
pdo	Pepakura Designer File
pdpcomp	Pdplayer Composition File
pdx	Adobe Acrobat Index File or Product Data eXchange File
pec	Brother Embroidery File
pekey	PhysicsEditor License Key File
pep	TurboProject Project File
pes	PhysicsEditor Sheet File or Brother Embroidery Format

Table 7-5   Data *(continued)*

Extension	Description
pf	Windows Prefetcher File
pfc	AOL Personal File Cabinet
pgdata	Penguin George Data File
pgpf	Password Generator Password File
phl	Kindle Popular Highlights File
phm	Pro Home Manager Data File
photolibrary	iPhoto Photo Library
phr	RoboHelp Phrase List
pi	Pi Calculation Data File
pis	PS2DIS Project File
pj2	xPlan Document
pjm	xPlan Model
pka	Packet Tracer Activity File
pkb	Oracle Package Body File
pkh	Oracle Package File
pkpass	Passbook Pass File
pks	Oracle Package Spec File
pkt	Packet Tracer Network Simulation Model
plan	Calligra Plan Document
planner	Gnome Planner File
playset	Souptoys Playset File
plf	Papyrus License File
pls	MYOB Accounting Data File
plsk	Messenger Plus! Live Skin Pack
plw	PicoLog Data File

Table 7-5   Data *(continued)*

Extension	Description
pmatrix	Priority Matrix Project File
pml	Process Monitor Log File or Palm Markup Language File
pmlz	Zipped Palm Markup Language File
pmm	Pegasus Mail Mailbox File or MikuMikuDance PolygonMovieMaker File
pmr	Avid Persisent Media Record File or Performance Monitor Report
pn	Powernoodle File
pnproj	Programmer's Notepad Project File
pnpt	Programmer's Notepad Project Template
pobi	Kindle Touch Periodical File
poi	Magellan Maestro Point of Interest File
por	SPSS Portable File
pos	Trimble Position File
post	LIGHT File
postal	TomTom Postal Code File
potm	PowerPoint Open XML Macro-Enabled Presentation Template
potx	PowerPoint Open XML Presentation Template
ppf	Edgecam Pathtrace Part File or Transit NXT Pack Project File or Publisher Project File or Paint Shop Pro Soft Plastic Preset File
ppm_b	Nokia PPM Flash File
ppr	Project Planner Reader File or Cognos PowerPlay Report File or ORF Report File
ppsm	PowerPoint Open XML Macro-Enabled Slide Show
ppsx	PowerPoint Open XML Slide Show
pptm	PowerPoint Open XML Macro-Enabled Presentation
prb	xyAlgebra Probabilities File

Table 7-5 Data *(continued)*

Extension	Description
prc	Corel Presentation or Mobipocket eBook File
prd	SoftMaker Presentations Document
pre	Lotus Freelance Graphics File
printcd2	EPSON Print CD File
prj	Project File or AIMMS Project File
prnx	XtraReports PrintingSystem Document
pro4	ProPresenter 4 Document
pro4pl	ProPresenter Playlist File
pro4plx	ProPresenter Playlist Bundle
pro4x	ProPresenter 4 Bundle File
pro5	ProPresenter 5 Document
pro5pl	ProPresenter Playlist File
pro5plx	ProPresenter 5 Playlist Bundle
pro5templatebundle	ProPresenter 5 Template Bundle
pro5x	ProPresenter 5 Bundle File
projectproperties	Alpha Five Project Properties File
prp	Rational Model Properties File
psar	PSP Update File
psf	GPS Prediction Support File or PID Script File or SPI Proxy Output File or HP-UX Product Specification File
psflib2	Playstation Sound Format Library
psi	PrimalScript Online Help Shortcut
pspd	PhotoSuite 5 Project File
psv	Pipe Separated Values File
pswx	Password Depot Portable File

Table 7-5   Data *(continued)*

Extension	Description
pt	Panther Project File
pth	4D Path Document
ptk	Quicken Online Financial Data File
ptn	PaperPort Thumbnail File
ptr	Flash Intro Project File
ptz	E-Transcript Bundle File
pvk	Private Key File
pvl	Instalit Library
pwrep	Password Repository File
pxa	XpressAccounts Data File
pxc	Photodex Cache File
pxf	Transit XV Pack Project File
pxj	RecordNow Project
pxl	Pocket Excel File
pxz	Compressed file to exchange media elements with PSALMO
q07	QuickTax 2007 Tax Return
q08	QuickTax 2008 Tax Return
q09	QuickTax 2009 Tax Return
q3d	Quest3D Project File
qb	Diploma Question Bank File
qb2005	QuickBooks 2005 File
qb2006	QuickBooks 2006 File
qb2007	QuickBooks 2007 File
qb2009	QuickBooks 2009 File
qb2010	QuickBooks 2010 File

Table 7-5   Data *(continued)*

Extension	Description
qb2011	QuickBooks 2011 File
qb2012	QuickBooks 2012 File
qb2013	QuickBooks 2013 File
qb2014	QuickBooks 2014 File
qba	QuickBooks Accountant's Copy Work File
qbr	QuickBooks Report Template
qbw	QuickBooks Data File
qby	QuickBooks Accountant's Copy Import File
qdb	Quicken 5 & 6 Data File
qdf	Quicken Data File or Snapform File
qdf-backup	Quicken Data Backup File
qdfm	Quicken Data File (Macintosh)
qdfx	Quicken Financial Exchange File
qds	Windows Directory Query File
qdt	Quicken 3 & 4 Data File
qel	Quicken Electronic Library
qfilter	ColorSync Utility Quartz Filter
qfx	Quicken Financial Exchange File
qif	Quicken Interchange Format File
qm	Qt Compiled Translation Source File
qmk	YanCEyDesktop Quickmarks File
qpb	QuickBooks Point of Sale Data File
qpf	Quartus II Project File or Quest3D Project
qph	Qt Phrase Books File or Quicken Price History File
qrc	QuarkXPress Required Component File

Table 7-5 Data *(continued)*

Extension	Description
qrp	QuickReport File
qsd	Quicken Data File
qua	Avira AntiVir Quarantined File
quicken2015	Quicken 2015 Data File
quickendata	Quicken Essentials for Mac Data File
quiz	Quobject Quiz Package
qvp	ViewletBuilder Project File
qvw	QlikView Document
qwq	OpenQwaq Auto-Launch File
qxf	Quicken Essentials for Mac Exchange File
qxl	QuarkXPress Library
radiumkey2	Radium 2 License File
ral	WinRail Track Design File
raskinlicense	Raskin License File
rat	PICS Rating File
rbt	LEGO MINDSTORMS NXT Program
rcg	Recog Character Recognition Set
rcx	REDCINE-X Project File
rda	R Data File
rdata	R Workspace File
rdlx	Power View Project File
rdx	Reflex Data File
redir	Spotify Executable Redirect File
ref	Microsoft Train Simulator Reference File
reference	Budget In Brief Reference File

Table 7-5   Data *(continued)*

Extension	Description
rel	Norton Internet Security Log File
reloc	Windows EXE Relocation Section File
rem	BlackBerry Encrypted Data File
req	SSL Certificate Request File or Canon SD Card Version Request File
ret	BusinessObjects Template
rf1	Retirement Forecast File
rfb	RoboForm Bookmark File
rfc	RoboForm Contact File
rfn	RoboForm Safenote File
rfo	RoboForm Option File
rfp	RoboForm Passcard File
rft	RoboForm Identity File
rge	Entourage File Archive
rgmc	RootsMagic Genealogy Project File
rgo	RepliGo File
rhistory	R History File
ris	Research Information Systems Citation File
rmf	Adobe Rights Management Document
rmuf	Alpha Five Runtime License File
rmx	Reference Manager Index File
rnd	PGP Random Seed File or Random Hash Data File
rnq	Renque Model File
roca	RIB office Compressed Archive
rog	Roger 2 Input Data File

Table 7-5   Data *(continued)*

Extension	Description
roi	Report Object Instance or Shark Sales System Data File
rom	Read Only Memory Image
rou	Gerber Route File
rov	Report Object Variable
rox	Roxio Project File
roxio	Roxio Project
rpa	RIB Project Archive File
rpp	REAPER Project File
rpprj	Axure RP Shared Project File
rpyb	Ren'Py Bytecode File
rrt	Rhapzode Resource Template
rsa	RSA Certificate File or Minecraft JAR Codesign File
rsc	Symbian Application Compiled Resource File
rsf	Recovery State File or Riky's Soft Document
rsm	ARIS Report Script Model File
rso	ARIS Report Script Object File
rsp	RSLogix PLC Program File
rsv	RSView32 Project File
rsw	R&R SQL Report Writer Report File
rta	RoboHelp RTA Data File
rtc	Live Meeting Connection File
rtm	LabVIEW Run-Time Menu File
rtp	Gromacs Residue Topology Parameter File or TurboTax Update File
rtstn	Audials Station File

Table 7-5   Data *(continued)*

Extension	Description
rtttl	Ring Tone Transfer Language File
rtwsh	Radiotracker Wishlist File
rvl	Adobe Revel Library File
rwg	Random Word Generator Project File
rwlibrary	Paperless Receipt Library
rws	Retina Wireless Scanner File
rwz	Outlook Rules Wizard File
rxc	Roxio Certificate File
rzb	Red Zion Book File
rzs	Red Zion Security File
s2e	SWF to EXE Converter Project File
s85	Sabre Airline Solutions Chart
sah	SETI@home Data File
sam07	SAM 2007 Package
savedstate	Virtual Router Saved State File
sbc	Office Accounting Company Shortcut File
sbk	Multimedia ToolBook System Book
sbq	Superbase QuickReports File
sbt	Superbase Data Notes File
sbw	US Treasury Savings Bonds Wizard File
sc2	Microsoft Schedule+ calendar
sc2locale	Blizzard StarCraft 2 Localization File
sc45	SuperCard Project File
sca	Norton AntiVirus Scan File
scd	TurboTax Tax Schedule List or Data Rescue Saved Scan File

Table 7-5   Data *(continued)*

Extension	Description
scexcludb	Spring Cleaning Exclusions File
screstorelog	Spring Cleaning Restore Log
scresults	Spring Cleaning Results File
scriptlibrary	Painter Script Library
scw	Score Writer Document
scz	SmartDraw Collection Package File
sdinstall	Speckie Dictionary Installation File
sdlxliff	SDL Trados XLIFF Localization File
sdp	Session Description Protocol File or StarOffice Presentation File
sdq	SAS Data File
sdr	Dell Support File
sds	OpenOffice.org Chart or SDS Apps Data File
sdz	NCI Compressed Database
search-ms	Windows Saved Search File
secure	Septium Secure Document
sel	LinkOne Selection List File
selectionportfoliolibrary	Painter Selection Portfolio Library
sen	SenTest Data File
seo	SEO Note File
seq	DNA Sequence Text File
ser	GeneMapper Project File
ses	Patran Session File
sft	Microsoft App-V Sequencer File
sfv	Simple File Verification File
sgml	Standard Generalized Markup Language File

Table 7-5   Data *(continued)*

Extension	Description
sha1	SHA-1 Hash File
sha256	FileVerifier++ SHA-256 Hashes File
sha512	SHA 512 Hash File
shc	Adobe Photoshop Contours File
shft	Shift Work Calendar Data File
shortcut	Asutype Shortcut
shs	Microsoft Scrap File
shv	Husqvarna Viking Embroidery File
sidb	iTunes Authorization Data File
sidd	iTunes Authorization Data File
sidn	iTunes Authorization Data File
sidx	StuffIt Archive Index File
sim	SAP Tutor File
sinf	iOS Application Archive File
sisx	Symbian OS Installation File
sk	Safari History Index File
skba	SketchBook Pro Animation File
skim	Skim Notes File
skindex	Mail Index File
skp	SketchUp File or Sage Retrieve 4GL Print Layouts
skr	PGP Private Keyring
skv	Semicolon Separated Values File or XLANG Schedule Drawing File
skx	XLANG Schedule File
slb	AutoCAD Slide Library

Table 7-5 Data *(continued)*

Extension	Description
sldtm	SDL Translation Memory File
sle	Sisulizer Package File
slf	Symantec License File
slk	Symbolic Link File
sls	Image Playlist
slupkg-ms	XrML Digital License Package
slx	MathWorks Simulink Model File
smm	Samsung Memo File
smpkg	SmartMusic Package File
smrd	Adobe InDesign Filter File
smwt	Adobe InDesign Filter
smx	SmartMusic XML File
smz	SMath Studio Compressed Document
snag	SnagIt Capture File
snapfireshow	Corel SnapfireShow File
snapshot	VMware ThinApp Snapshot File
snm	Netscape Mail Index
sno	Starry Night Pro Data File
snt	Sticky Notes File
sonic	DigitalMedia Project File
soundpack	SoundPackager Sound Package
sp45	SuperCard Player File
spb	Samsung Kies Phonebook File
spk	Artspeak Source File or Bright Spark Document or Synology Package

Table 7-5 Data *(continued)*

Extension	Description
split	Archiver Split File
spo	SPSS Statistical Data Output File
spv	SPSS Output Document
spvchain	MultiCoin Wallet File
sq	Sysquake Program
sqf	Sothink SWF Quicker File
sqr	SQL Program File
squashfs	Squashfs File System File
sr0	SecuROM Analysis File
srg	Ketron Single Registration File
ssd	Starry Night Pro Data File or WindowBlinds Skin File List
ssii	ProReveal Data File
sslf	HLSW Shared Server List File
ssp	SlideShow Creator Project File or Screensaver Producer Project File
sst	Serialized Certificate Store File
ssv	Seavus Secure Project File
ssw	Sony Ericsson Firmware File
st45	SuperCard Trial Project File
sta	ABAQUS Status File or Adobe Photoshop Match Color Image Statistics File
stats	FreeSurfer Statistics File
stdl	Swift To-Do List Database
sth	Lotus Domino Stash File
stm	Exchange Streaming Media File
stmb	Synclavier Timbre File

Table 7-5   Data *(continued)*

Extension	Description
storymill	StoryMill Project File
stproj	Samsung Theme Document
strm	Stream File
sttpl	Samsung Theme Showcase File
stu	Pinnacle Studio Project File
styk	Stykz Stick Figure
stykz	Stykz Animation
sublime-keymap	Sublime Text Keymap File
sublime-session	Sublime Text Session File
sui	StarSplatter User Interface File
sum	Garmin Checksum File
supp	iOS Application Archive File
svw	SpecView File
swj	SolidWorks Journal File
swk	StudyWorks Save File
sx	SimplexNumerica Data File
sy	Simplexety Data File
sy3	Harvard Graphics Symbol File
sylk	Microsoft Symbolic Link File
t01	TaxCut 2001 File
t02	TaxCut 2002 File
t03	TaxCut 2003 File
t04	TaxCut 2004 File
t05	TaxCut 2005 Tax Return
t06	TaxCut 2006 Tax Return

Table 7-5 Data *(continued)*

Extension	Description
t07	TaxCut 2007 Tax Return
t08	TaxCut 2008 Tax Return
t09	At Home 2009 Tax Return
t10	At Home 2010 Tax Return
t11	At Home 2011 Tax Return
t12	At Home 2012 Tax Return
t13	H&R Block 2013 Tax Return
t2	Textease 2000 File
t2k	Teach2000 Document
t2ks	Teach2000 Exam Results File
t2kt	Teach2000 Exam File
tac	ActiCalc Data File
tag	DataFlex Query Tag
tardist	TAR Distribution Archive
tax	TurboTax Tax Return
tax08	TurboTax 2008 Tax Return File
tax09	TurboTax 2009 Tax Return File
tax10	TurboTax 2010 Tax Return File
tax11	TurboTax 2011 Tax Return File
tax12	TurboTax 2012 Tax Return File
tax13	TurboTax 2013 Tax Return File
tax2008	TurboTax 2008 Tax Return
tax2009	TurboTax 2009 Tax Return
tax2010	TurboTax 2010 Tax Return
tax2011	TurboTax 2011 Tax Return

Table 7-5   Data *(continued)*

Extension	Description
tax2012	TurboTax 2012 Tax Return
tax2013	TurboTax 2013 Tax Return
tbd	Visual Studio Toolbox Data File
tbl	StarCraft Information Table
tbs	TuneUp Utilities Boot Screen
tclogs	TestComplete Log Configuration File
tcnet	TestComplete Configuration Reference File
tcr	Psion Series 3 eBook File or TouchMagix Creative Suite Published File
tcz	Tiny Core File
td	Thunder Incomplete Download File
tda	Palm To-Do File or Java Application Thread Dump
tde	Tableau Data Extract File
tdl	Tab Delineated Format File or MathType Translator Definition Language
tdm	LabVIEW Binary Measurement File
te3	WinTrack Object File
ted	TouchMagix Editable Document Template
tef	TablEdit Tablature
ter	Terragen Terrain File
tet	Textease CT Template
tfa	TreeSoft CashFlow Analysis Data File
tfd	Tape Format Requirements Document
tfil	Blizzard Software Update File
tgc	Terragen Node Clip File
tgd	Terragen Project File

Table 7-5   Data *(continued)*

Extension	Description
tgf	Trivial Graph Format File
tie	CrossTie Installer File
time	LIGHT File
tip	TuneUp Utilities Icon Package
tk3	TK3 Multimedia eBook
tkfl	TKLinks Saver Favorite Links File
tko	Win32/Oficla Trojan File
tl5	Timeliner 5 File
tla	TuneUp Utilities Startup Logo
tlp	Tulip Software Graph Format File
tls	TuneUp Utilities Logon Screen
tlx	Standard Dictionary File
tmb	Timbuktu Pro Connection Document
tmr	Apimac Timer Document
tmw	Translation Memory Data File
tmx	Translation Memory Exchange File
tmzip	Theme Manager Zip File
tnef	Transport Neutral Encapsulation Format
tnsp	TI-Nspire PublishView Document
toc	Table of Contents
tol	AOL Tool File
topc	TopicCrunch Project File
torrent	BitTorrent File
tos	Character file from The Only Sheet
totalsbackup	Totals Database Backup File

Table 7-5   Data *(continued)*

Extension	Description
totalsdb	Totals Database File
totalssyncdb	Totals Synchronized Database File
tpb	GROMACS Binary Input File
tpd	TreePad 7 Database File
tpkey	TexturePacker License Key File
tpm	Transformation Parameters Model File or Trusted Platform Module Password File
tpz	Kindle Topaz eBook File
tr	TomeRaider 2 eBook File
tr3	TomeRaider eBook File
tra	WinTrack Railroad Track File
trace	VMware ThinApp Trace Log File
tray	Corel CONNECT Tray File
trd	TrID Definitions Package
trk	CompeGPS Land Track File or Finale Track Mapping File or Garmin Track File
trs	Rosetta Stone Language Data File or WinTrack Railroad Track Text File
tst	Generic Test File
tstream	SwarmPlayer Streaming Torrent
tsv	Tab Separated Values File
tt10	TurboTax Canada 2010 Tax Return
tt11	TurboTax Canada 2011 Tax Return
tt12	TurboTax Canada 2012 Tax Return
tt13	TurboTax Canada 2013 Tax Return
tt2012state	TurboTax 2012 State Tax Form

Table 7-5   Data *(continued)*

Extension	Description
tt2013state	TurboTax 2013 State Tax Form
ttk	Catalyst Translation Toolkit
ttx	Trados TagEditor File
tvc	TeamViewer Configuration File
tvl	TurboTax File
twb	Tableau Workbook File
twbx	Tableau Packaged Workbook
twm	theWord Module
twz	theWord Compressed Archive Module
twzip	theWord Compressed Archive Module
txa	Midas ViewPoint Text Array List
txd	Game Texture Dictionary
txf	Tax Exchange Format or Transit XV Pack Translation File
txn	MySpaceIM Conversation Log File
txtrpt	CommScope Teletilt Control System Report
tyimport	Typinator Set Import File
tyset	Typinator Set File
u10	UFile 2010 Tax Return
u11	UFile 2011 Tax Return
u12	UFile 2012 Tax Return
ubj	Universal Binary JSON File
ubox	Universe Sandbox Data File
uccapilog	Microsoft UCC API Log File
ud	OmniPage User Dictionary
udc	Adobe InDesign User Dictionary

Table 7-5   Data *(continued)*

Extension	Description
udeb	Debian Package File
uds	Sierra Generations File or Uniform Data System File or NetBackup UNIX Domain Socket File
ulf	Universal List File
ulp	EAGLE User Language Program
uls	NetMeeting User Location Service File
ulz	USBlyzer Data Capture File
umf	MediaHolder Universal Media Format File
unitypackage	Unity Package File
unk	Unknown File
unknown	Unknown File Type
unl	Garmin Unlock File
uop	Uniform Office Presentation
update	ISAPI Update File
upg	Upgrade File
upoi	iGO Points of Interest File
upr	Fractal Parameters File or FileMaker User Dictionary
urr	Uniface Signatures File
useq	USeq Genome Data File
ustar	Uniform Standard Tape Archive Format File
uvf	Uncertain Value Format
uvw	UVW Coordinates File
uwl	User Word List File
uwrf	Universal Web Radio File
val	Valodas Dictionary File or Values List

Table 7-5   Data *(continued)*

Extension	Description
vault	Fontcase Vault File
vbk	VitalSource eBook
vbpf1	Virtual Business - Personal Finance Data File
vbt	Spyware Doctor Temporary Scan File or iAntiVirus Temporary Scan File
vbw	Visual Basic Workspace File
vce	Visual CertExam Exam File
vcrd	Windows Vault Credentials File
vcs	vCalendar Event File
vct	VISE Installer Project
vdb	Symantec Virus Database File
vdf	AntiVir Virus Definitions File
vdjsend	VirtualDJ Send File
ver	Version Record
vfs	VentaFax Schedule File or Virtual File System Index
vi	LabVIEW Virtual Instrument File
vir	Virus-Infected File
vlcl	VMware Localization File
vle	Virtual Labs Electricity Circuit File
vlg	VentaFax Logbook File
vmf_autosave	Valve Hammer Editor Autosave File
vmg	Nokia Text Message
vmhf	VMware Hot Fix File
vmhr	VMware Hot Fix Request File
vmsg	VMware Application Message File

Table 7-5   Data *(continued)*

Extension	Description
vncloc	Screen Sharing VNC Internet Location
voi	VOI Group File
vok	PocketVok Vocabulary File
vol	Volfs File System Directory
vor	StarOffice Template
voxb	Voxler Network File
vpa	VPchat Chat Gestures File
vpc6	Virtual Machine Package
vpc7	Virtual Machine Package
vpol	Windows Vault Policy File
vpp	Visual Paradigm Project File
vpx	Avast! Virus Update File
vrd	Visio Report Definition File
vsch	Windows Vault Schema File
vscontent	Visual Studio Content File
vvf	Voc Vocabulary File
vxml	VoiceXML File
vym	VYM Mind Map File
w02	Split Archive File
wab	Windows Address Book
wac	Inkling Sketch XML File
wallet	MultiBit Wallet File
wb1	Corel Quattro Pro File
wb2	Corel Quattro Pro File
wb3	Corel Quattro Pro 7 and 8 File

Table 7-5 Data *(continued)*

Extension	Description
wba	WindowBlinds Compressed Skin
wcat	WinCatalog Collection File
wcd	Works Calendar File
wcf	WebEx Saved Chat Session
wcm	Microsoft Works Communications Script or Wordperfect Macro
wcp_settings	Alpha Five Settings File
wd3	Offline Explorer Data File
wdq	Offline Explorer Queue File
wea	Ecotect Weather File
weavelibrary	Painter Weave Library
webpublishhistory	Alpha Five Web Publish History File
webz	WEBZ Compressed eBook File
wfm	Tektronix Waveform Data File or dBASE Form
wgs	Walk-Graph Segment File
windowslivecontact	Windows Live Contacts File
wje	WinJournal Entry
wjr	ReGet Deluxe Data File
wk2	Lotus 2 Worksheet
wk5	Lotus 5 Worksheet
wke	Lotus 1-2-3 Educational Version Worksheet
wlx	Windows Live Mesh Sync File
wnk	Wink Presentation
wordlist	Desktop Poet Word List File
wpc	WordPad Converter File or Pazzles Cutting File
wpf	WordPerfect Form

Table 7-5   Data *(continued)*

Extension	Description
wpo	HOLUX Waypoint File or Technopress Waypoint 2D File
wpost	Windows Live Writer Post File
wsi	Wise Package Studio Installer Package
wsm	Wise Package Studio Merge Module
wsz	Winamp Classic Skin
wtb	Win-Test Binary Log File
wtc	Logitech Webcam File
wtr	Encarta File
wul	WinUHA Language File
wvp	MagicHTML Web Video Player Project
wwd	Works Wizard File
wzmul	WinZip Registration File
xaiml	XAIML Chatterbot Database File
xappl	Spoon XML Application Configuration File
xas	Pro/ENGINEER Assembly Instance Accelerator File
xbc	SMART Notebook File
xbk	SMART Notebook File
xbrl	XBRL Document
xbt	SMART Notebook Template File
xcplugindata	Xcode Plug-in Data File
xcsl	CineStyle Color Correction File
xdp	XML Data Package
xds	LcdStudio Design File
xem	PowerDesigner Model definition File
xensearch	XenCenter Saved Search File

Table 7-5 Data *(continued)*

Extension	Description
xer	Primavera P6 Project File
xfd	XFD File or FormFlow 99 Form Data File
xfdf	Adobe Acrobat XFDF File
xfo	XSL-FO Formatted Form
xfr	iProcess Process Definition File
xft	Adobe Form Designer 5.0 File
xgml	Graph Modeling Language XML File
xgmml	XGMML Graph File
xgp	Xfire Game Patcher File
xlc	Excel Chart
xlf	XLIFF Document
xlgc	ExpressK Database File
xliff	XLIFF Localization File
xlnk	XML Shortcut File
xmap	XMind 2007/2008 Workbook
xmc	Assisted contact lists file format based on xml and used in kindergartens and schools
xmcd	Mathcad Worksheet File
xmct	Mathcad XML Worksheet Template
xmi	XML Metadata Interchange File
xml	eXtensible Markup Language. An open data file format
xmlper	LeCroy Binary Waveform File
xmp	Extensible Metadata Platform File
xmpz	Miradi XML Project File
xnk	Exchange Shortcut

Table 7-5 Data *(continued)*

Extension	Description
xpdl	XPDL Module
xpg	Autoplay Media Studio Exported Page
xpj	RoboHelp HTML Project File or Micro Planner X-Pert Project File
xpm	Micro Planner Manager File
xrff	Extensible Attribute-Relation File Format
xrp	RationalPlan Project File
xry	XRY Data File
xsc	Visual Studio Dataset Internal Info File
xsl	eXtensible Stylesheet Language file
xslic	XenServer License File
xslt	eXtensible Stylesheet Language (XSL) Transformation File
xsvf	Xilinx Serial Vector Format File
xtg	Extensible TreeGraph File
xtm	CmapTools Exported Topic Map or Xtremsplit Data File
xvct	VISE XML Project File
xwf	OmniPage Workflow File
xxd	Brixx Planner Calendar
xxx	Compucon Singer Embroidery File
xyz	Celestia Sampled Trajectory Data File or Molecule Specification File
xyzv	Celestia Sampled Trajectory File
yam	Yahoo! Auctions Data
ybd	YobiDrive Link File
ybk	YanCEyWare eBook or Microsoft Encarta Yearbook File
ychat	Yahoo! Messenger Chat Log

Table 7-5 Data *(continued)*

Extension	Description
ygf	Y Graph Format File
yka	Yenka Model File
ymg	Yahoo! Messenger File
ynab	You Need a Budget File
yps	Yahoo! Messenger Data File
yrcbkm	YRC Bookmarks Archive
yrcdat	YRC Software Data Script
z1	ZoneAlarm Renamed VB File
zap	ZoneAlarm Pro Data File
zdb	Zimbra Database File or Quicken Online File or EPSQ Database
zdc	CD Catalog Expert Database File
zdct	Adobe Language File
zed	My Heritage Family Tree
zim	OpenZIM Wiki Archive
zm1	ZoneAlarm Renamed MDA File
zm2	ZoneAlarm Renamed MDZ File
zm3	ZoneAlarm Renamed NCH File
zm9	ZoneAlarm MailSafe Renamed Zip File
zma	Impedance File
zmc	ZoneAlarm Quarantine File
zml	Zooming Markup Language File
zone	A text file containing a DNS zone
ztf	DVD Label Template File
ztr	DVD Label Template Media File
zvpl	Visual Paradigm License File

Table 7-5   Data *(continued)*

Extension	Description
zzz	CCleaner Securely Deleted File

File Extensions of type 'Database'

Table 7-6   Database

Extension	Description
$er	GroupWise Database
^^^	Pervasive.SQL Database File
4db	4D database Structure file
4dd	4th Dimension Database Data File
4dindx	4D database Data Index file
4dindy	4D database Structure Index file
4dl	4th Dimension Database Log File
4dr	4D database Data resource file (in old 4D versions)
abcddb	Apple Address Book Contact List
abx	WordPerfect Address Book
accdb	Access 2007 Database File
accdc	Microsoft Access Signed Package
accde	Access Execute Only Database
accdr	Access Runtime Application
accdt	Microsoft Access Database Template
accdw	Microsoft Access Database Link File
accft	Microsoft Access Data Type Template
ade	Access Project Extension
adf	ACT! Data File
adn	Access Blank Project Template

Table 7-6   Database *(continued)*

Extension	Description
adp	Access Project
adt	Sybase Advantage Database Server (ADS)
alf	ACT! Lookup File
apr	Lotus Approach data entry & reports
ask	askSam Database
btr	Btrieve Database File
cdb	Symbian Phonebook Database or CardScan Contacts Database or Pocket Access Database
ckp	SQL Server Checkpoint File
cpd	RoboHelp Cache Project Database
daconnections	RemObjects Data Abstract Connections File
dacpac	SQL Server Data Tier Application Package
dad	RemObjects Data Abstract Driver File
dadiagrams	RemObjects Data Abstract Data Diagrams File
daf	Digital Anchor data file
daschema	RemObjects Data Abstract Schema File
db	Database File or Mobile Device Database File
db2	dBASE II Database
db3	SQLite Database File
dbc	FoxPro Database
dbf	Database File
dbs	SQLBase Database File
dbt	Database Text File
dbv	Database Variable Field
dbx	Visual FoxPro Table or AutoCAD Database Extension File or Outlook Express folder file

Table 7-6   Database *(continued)*

Extension	Description
dcb	Concordance Database File
dcx	FoxPro Database Index
ddl	Data Definition Language File
dp1	DataPower Database File
dqy	Excel Query File
dsn	Database Source Name File
dtsx	DTS Settings File
dxl	Domino XML Language File
eap	Enterprise Architect Project
eco	ECCO Database File
ecx	ECCO Corrupted Database File
edb	Exchange Information Store Database
epim	EssentialPIM Database File
fdb	Microsoft Dynamics NAV Database File
fic	WinDev Hyper File Database
fm5	FileMaker 5 Database
fmp12	FileMaker Pro 12 Database
fmpsl	FileMaker Pro 12 Snapshot Link
fol	PFS First Choice Database File
fp4	FileMaker Pro 4 Database
fp5	FileMaker Pro 5 Database
fp7	FileMaker Pro 7+ Database
fpt	FileMaker Pro Database Memo File
gdb	GPS Database File or InterBase Database File
gtable	Google Drive Fusion Table

Table 7-6   Database *(continued)*

Extension	Description
gwi	GroupWise Database Shortcut File
hdb	HansaWorld Database File
his	FindinSite Database Definition File
ib	InterBase Database
ihx	IN-HEH Timeline Database
itdb	iTunes Database File
itw	InTouch With Database File
kexi	Kexi Database
kexic	Kexi Database Connection File
kexis	Kexi Database Shortcut File
ldb	Temporary database lock file only existing when database is open
maf	Microsoft Access Form
maq	Microsoft Access Query
mar	Microsoft Access Report
marshal	Marshal Data Migration Model File
mas	Access Stored Procedures
mav	Access View File
maw	Access Data Access Page
mda	Add-in file for Microsoft Access
mdb	Microsoft Access Database
mdbhtml	Microsoft Access Database HTML File
mde	Compiled Microsoft Database (Access)
mdf	SQL Server Database File
mdn	Blank Access Database Template

Table 7-6   Database *(continued)*

Extension	Description
mpd	Microsoft Project Database
mrg	MySQL Merge File
mwb	MySQL Workbench Document
myd	MySQL Database Data File
myi	MySQL MyISAM table index
ncf	Lotus Notes configuration file
ndf	SQL Server Secondary Database File
nrmlib	Neat Cabinet File
ns2	Lotus Notes 2 Database
ns3	Lotus Notes 3 Database
ns4	Lotus Notes 4 Database
nsf	Lotus Notes Database
nyf	myBase Database File
odb	OpenDocument Database or ABAQUS Database
oqy	Excel OLAP Query File
ora	Oracle Database Configuration File
orx	RadiantOne VDS Database Schema
owc	OutWit Catch Database
p96	Win96 Database File
p97	Win97 Database File
pan	Panorama Database File
pdb	Program Database or Palm Desktop Database File
pdi	Portable Database Image
pnz	Panorama Database Set
qry	Query File

Table 7-6 Database *(continued)*

Extension	Description
qvd	QlikView Data File
rctd	RabbitCT Dataset
rec	GNU recutils database
rin	Sage Retrieve 4GL index file
rod	RIB office Database File
rpd	RIB Project Database File
rsd	RealSQLDatabase File
sbf	Superbase Database File
sdb	ServerBoss Database File or MonKey Office SQLite Database File or SparkleDB Database File or OpenOffice.org Base Database File
sdf	SQL Server Compact Database File
sis	Sisma Database File
spq	SPSS Database Query File
sql	Structured Query Language Data File
sqlite	SQLite Database File
sqlite3	SQLite 3 Database File
sqlitedb	SQLite Database
te	Textease CT Database File
teacher	SMART Response Teacher Database File
tmd	MySQL Temporary Database File
trc	Oracle Trace File or SQL Server Trace File
trm	Oracle Trace Map File
udb	Dynamics AX User Database File
udl	Microsoft Universal Data Link File
usr	FileMaker Pro Database File

Table 7-6 Database *(continued)*

Extension	Description
v12	All The Right Type Database File
vis	Visual Importer Script
vpd	VoxPro Database File
wadata	Wakanda (software) database Data file
waindx	Wakanda (software) database Index file
wajournal	Wakanda (software) database Journal file
wamodel	Wakanda (software) database Model file
wdb	Microsoft Works Database
wmdb	Windows Media Database File
wrk	SQL Server Log Shipping File
xld	Excel Database File

File Extensions of type 'Developer'

Table 7-7 Developer

Extension	Description
$01	DOS Pipe File
4th	Forth Language File
8bf	Plugins for some photo editing programs including Adobe Photoshop, Paint Shop Pro, GIMP and Helicon Filter
a	Static Library
a4p	A4Desk Pro Project File
a5w	Alpha Five Webpage File
abc	ActionScript Byte Code File or ABC Source File
acd	RSLogix 5000 Program
actx	DS Game Maker Action Description File

Table 7-7 Developer *(continued)*

Extension	Description
ada	Ada Source Code
adb	Ada Body File
addin	Visual Studio Add-in Definition File
adr	Opera Bookmarks File
ads	Ada Specification File
aex	Alpha Five Compiled Global Functions File
agi	Asterisk Gateway Interface File
alb	Alpha Five Library
alm	Alpha Five Library
alx	ActiveX Layout Control File or Alpha Five Library Index File
am	Automake Makefile Template
am4	AutoPlay Media Studio 4 Project File
am5	AutoPlay Media Studio 5 Project File
am6	AutoPlay Media Studio 6 Project
am7	AutoPlay Media Studio 7 Project
an	Adobe Edge Animate Project File
ane	Adobe AIR Native Extension
anjuta	Anjuta IDE Project File
ap_	ADT Android Developer Package
apa	RSView Development Project Archive
app	Apple application program executable file. Another form of zip file.
appcache	HTML5 Cache Manifest File
applescript	Applescript file
applet	Eclipse Java Applet Policy File

Table 7-7   Developer *(continued)*

Extension	Description
appx	Windows 8 App Package
appxsym	Windows 8 App Package Symbols File
appxupload	Windows 8 App Upload Package
aps	Visual C++ Resource File
aro	SteelArrow Web Application File
arsc	Android Package Resource File
artproj	Artifacts Project
as	ActionScript File
as2proj	FlashDevelop ActionScript 2 Project File
as3proj	FlashDevelop ActionScript 3 Project File
asa	ASP Configuration File
asax	ASP.NET Server Application File
ascs	ActionScript Communication Server File
ascx	ASP.NET User Control File
asdb	Asphyre Sphinx Archive File
ashx	ASP.NET Web Handler File
asi	Alpha Five Variable File
asm	Visual Studio Assembler Source Code File or Assembly Language Source Code File
asmx	ASP.NET Web Service File
asp	Active Server Page
aspx	Active Server Page Extended File
asr	ActionScript Remote Document
asvf	Asphyre Sphinx Archive File
atom	Atom Syndication Format

Table 7-7   Developer *(continued)*

Extension	Description
att	Web Form Post Data File
au3	AutoIt v3 Script
aut	AutoIt Script File
autoplay	AutoPlay Media Studio Project File
awk	AWK Script
awm	AllWebMenus Project File
axd	ASP.NET Web Handler File
bas	BASIC Source Code File
basex	BaseX Data File
bat	Windows Batch file
bb	Blitz Source Code File
bbc	BBC BASIC Data File
bbproject	BBEdit Project File
bbprojectd	BBEdit Project Document
bcp	Borland C++ Makefile
bdsproj	Borland Developer Studio Project
bet	BETA Source File
bluej	BlueJ Package File
bml	Bean Markup Language File
bok	ProStores Dynamic Web Page
bpg	Borland Project Group
bpl	Borland Package Library
bpr	Borland C++Builder Project File
browser	ASP.NET Browser Definition File
brx	BREW Application Resource File

Table 7-7   Developer *(continued)*

Extension	Description
bs2	BASIC Stamp 2 Code File
bsc	Visual Studio Source Browser Information File
bsh	BeanShell Script
btapp	uTorrent App
btn	AutoPlay Media Studio Button File
buildpath	Eclipse Build Path File
bur	BuRg3r Source Code File
bwp	BuRg3r Web Page
bytes	Binary Text Asset Data File
c	C/C++ Source Code File or Lite-C Script
caproj	Construct Project File
capx	Construct Compressed Project File
cbl	COBOL Source Code File
cbp	Code::Blocks Project File
cc	C++ Source Code File
ccbjs	CopperCube JavaScript File
ccgame	XNA Creators Club Game Package
ccn	Compressed Multimedia Fusion File
ccp	CodeCharge Studio Page File
ccs	CodeCharge Studio Project File or CCS Script File
ccscc	ClearCase Source Control Info File
cd	Visual Studio Class Diagram
cdxml	Cmdlet Definition XML File
cer	Internet Security Certificate
cfc	ColdFusion Component File

Table 7-7   Developer *(continued)*

Extension	Description
cfm	ColdFusion Markup File
cfml	ColdFusion Markup Language File
cgi	Common Gateway interface web page scripting
cham	Compiled HAM File
chat	IRC Chat Configuration File
chef	Chef Source Code File
chm	Compiled HTML Help File
ckbx	Cricket Audio XML Bank Description File
class	Java Class File
clips	Coda Clips File
clj	Clojure source code
cls	Program Class File
clw	Visual C++ ClassWizard File
cma	OCaml Library
cms	Content Management System
cob	COBOL Source Code File
codasite	Coda Site File
coffee	CoffeeScript JavaScript File
com	Batch command used in DOS and Windows
compressed	WordCompress Compacted Web File
config	Configuration File
cp	Captivate Source File or Xcode C++ Source File
cpb	Comicino Studio Project File
cpp	C++ Source Code File
crl	Certificate Revocation List File

Table 7-7   Developer *(continued)*

Extension	Description
crt	Security Certificate
cs	Visual C# Source Code File
cshtml	ASP.NET Razor Web Page
csn	Adobe Code Snippet Document
csp	Concept Server Page or Cach? Server Page
csproj	Visual Studio C# Project
csr	Certificate Signing Request File
css	Cascading Style Sheet
csx	Visual C# Script
ctc	Visual Studio Command Table Configuration File
ctl	Visual Basic UserControl Object File
cto	Visual Studio Binary Command Table Output File
ctp	CakePHP Template
ctsym	Visual Studio Command Table Output File
ctx	Visual Basic Control Binary File
ctxt	BlueJ Context File
cu	CUDA Source Code File
cvsrc	CVS Command File
cxp	CX-Programmer Project File
cxt	CX-Programmer Project Text File
cxx	C++ Source Code File
d	D Source Code File
dabriefcase	RemObjects Data Abstract File Briefcase
daconfig	RemObjects Data Abstract Configuration File

Table 7-7   Developer *(continued)*

Extension	Description
dba	CryENGINE Animation Database File or DarkBASIC Source Code File
dbm	ColdFusion Server File
dbml	Visual Studio OR Design File
dbo	DarkBASIC Object
dbpro	DarkBASIC Professional Project File
dbpro123	DarkBASIC Professional project
dbproj	Visual Studio Database Project File
dcp	Delphi Compiled Package
dcproj	Dashcode Project
dcr	Shockwave Media File
dcu	Delphi Compiled Unit
dcuil	Delphi .NET Compiled Unit File
ddm	Alpha Five Data Dictionary Memo File
ddp	Delphi Diagram Portfolio File
ddx	Alpha Five Data Dictionary Index File
dec	Declaration File
def	Module-Definition File
defs	BlueJ Settings File
dep	Windows Dependency File
depend	Code::Blocks Dependencies File
developerprofile	Xcode Developer Profile
deviceids	Device Identification FIle
df1	Omnis Native Datafile
dfk	Dark Flow Project File

Table 7-7   Developer *(continued)*

Extension	Description
dfm	Delphi Form
dgml	Visual Studio Directed Graph Document
dgsl	Visual Shader Graph File
dhtml	Dynamic HTML file
disco	DISCO Discovery Document
discomap	DISCO Discovery Output File
dll	Dynamic Link Library
dm1	ER/Studio Data Model File
dmd	SQL Developer Data Modeler File
dml	DynaScript File
do	Java Servlet
dob	Visual Basic UserDocument
dochtml	Microsoft Word HTML Document
docmhtml	Microsoft Word MIME HTML Document
docset	Doxygen Document Set File
dothtml	Microsoft Word HTML Document Template
dox	Visual Basic Binary UserDocument or Doxygen Documentation File
dpk	Delphi Package
dpkw	Delphi Package
dpl	Delphi Package Library
dpr	Delphi Project
dproj	Delphi Project
dres	Delphi Compiled Resource File
drf	Delphi Resource File

Table 7-7 Developer *(continued)*

Extension	Description
dsgm	DS Game Maker Project
dsp	Visual C++ 6 Project
dsym	Xcode Debug Symbols File
dtd	Document Type Definition File
dylib	Mach-O Dynamic Library
e	Eiffel source
ear	Archives of Java enterprise applications
eba	Emergence BASIC Source Code File
ebuild	Gentoo linux's portage package.
ece	Escenic Dynamic Web Page
ecp	EasyC Project File
edge	Adobe Edge Project File
edm	Adobe Extension Data Markup Language File
edml	Adobe Extension Data Markup Language Document
edmx	ADO.NET Entity Data Model Designer File
efs	EGT Forever Source File
el	Emacs Lisp Code File
elc	Emacs Compiled Lisp File
ent	External Entity
entitlements	Mac App Sandboxing Entitlements File
epibrw	Web File Location
eql	Embedded SQL File
erb	Ruby ERB Script
erl	Erlang Source Code File
esproj	Espresso Project File

Table 7-7 Developer *(continued)*

Extension	Description
ewp	Ewisoft Website Project File
ex	Euphoria Source Code
exe	Executable file (used in Microsoft Windows. DOS and other systems)
exl	JSDAI Inclusion or Exclusion List
exw	Euphoria Source code File
f	Fortran Source Code
f77	Fortran 77 source
f90	Fortran 90 Source Code File
fbp	wxFormBuilder Project
fbp7	FinalBuilder 7 Project
fbz7	Compressed FinalBuilder 7 Project
fce	ForeUI Custom Element File
fcgi	FastCGI File
fcl	ForeUI Custom Library File
feature	SharePoint Feature File
fgl	Fifth Generation Language Source File
filters	Visual C++ Project Filters File
fimpp	FiM++ Source Code File
fla	Adobe Flash Animation
for	Fortran 77 Source File
forth	Forth Language File
fpm	FPS Creator Map File
fpp	Fortran Source Code
framework	Mac OS X Application Framework

Table 7-7   Developer *(continued)*

Extension	Description
frj	FreeForm-J Project File
frx	Visual Basic Binary Form File or FoxPro Report
fs	Visual F# Source File
fsi	Visual F# Signature File
fsl	Form?Z Script
fsproj	Visual F# Project File or FireStarter Project File
fsscript	Visual F# Script
fsx	Visual F# Script File
fth	Forth source
ftn	Fortran Source Code File
fwp	Microsoft Expression Web Package
fxc	FilePackager Configuration
fxcproj	FX Composer Project File
fxl	FaceFX Language File
fxml	FXML Source Code File
fxpl	Adobe Flash FXP Library
gameproj	GameSalad Project File
gar	GridGain Archive
gbap	GLBasic Project File
gbas	GLBasic Source File
gbm	Gameboy Map File
gch	Precompiled Header File
gdfmakerproject	GDF Editor Project File
ged	Game Editor Project File
gemspec	Gem Specification File

Table 7-7 Developer *(continued)*

Extension	Description
gfar	Greenfoot Archive
gitattributes	Git Attributes File
gitignore	Git Ignore File
glade	Glade Project File
gld	MPLAB C Compiler Linker Script File
global	Global Makefile
gm	GameMonkey Script
gm6	Game Maker 6 Project File
gm81	Game Maker 8.1 Project File
gmk	Game Maker Project File
gmo	GNU Machine Object File
gmx	GameMaker File
gne	Flickr Web Page
gnumakefile	GNU Makefile
go	Go Source Code File
gorm	Gorm Interface Resource File
gpj	MULTI IDE Project File or jGRASP Project File
greenfoot	Greenfoot Project Archive
groovy	Groovy Source Code File
groupproj	Delphi Project Group File
gs	Google Apps Script
gs3	GameStarter File
gsp	IMail Error Message File
gsproj	GameSalad Windows Project File
gszip	GameSalad Marketplace Asset File

Table 7-7   Developer *(continued)*

Extension	Description
gvy	Groovy Source Code File
h	C/C++/Objective-C Header File
hal	HansaWorld Application Language File
haml	Haml Source Code File
handlebars	Handlebars Template
has	Haskell Script
hcf	Compact Ham Library
hdm	HDML File
hdml	Handheld Device Markup Language File
hh	C++ Header File
hhh	Power C Precompiled Header File
hpf	High Performance Fortran File
hpp	C++ Header File
hrl	Erlang Header File
hs	Haskell Script or Java HelpSet File
hta	HTML Application
htaccess	Apache HTACCESS File
htc	HTML Component File
htm	Hypertext Markup Language File
html	Hypertext Markup Language File
htx	HTML Extension File
hxs	Help 2 Compiled Help File
hxx	C++ Source Code Header File
hydra	Hydra Image Filter Program File
hype	Hype Document

Table 7-7   Developer *(continued)*

Extension	Description
i	Visual Studio Intermediate File or INTERCAL Source File
ibi	Icarus script
ici	ICI
iconset	Mac OS X Icon Set Folder
idb	Visual Studio Intermediate Debug File
idc	Internet Database Connector File
idl	Interface Definition Language File
idt	Windows Installer Database Text Archive File
ihtml	Inline HTML
ijs	J script
ilk	Incremental Linking File
iml	IntelliJ IDEA Module
inc	Include File
inl	C++ Inline File
ino	Arduino Sketch File
ipa	Apple IOS application executable file. Another form of zip file.
ipch	Intellisense Precompiled Header File
ipp	Inline Guard Macro File
ipr	InstallShield Professional Project File or IntelliJ IDEA Project File
ipynb	IPython Notebook
iqy	Internet Query
isc	Xilinx Device Configuration File
ise	InstallShield Express Project File
ism	InstallShield Project File
ist	InstallShield Project Template File

Table 7-7   Developer *(continued)*

Extension	Description
itcl	Itcl
itms	iTunes Music Store Link File
itpc	iTunes Podcast Link File
iwb	IWBasic Source Code File
iwdgt	iWeb Widget File
iws	IntelliJ IDEA Web Page
iwz	InstallShield Express 2 Project File
jar	Archives of Java class files
jav	Java Source File
java	Java Source Code File
jcp	JCreator Project File
jcz	Liquid Motion Animation
jed	Xilinx JEDEC Programming File
jhtml	Java HTML Web Page
jl	Julia Source Code File
jnilib	JNI Library
jnlp	Java Web Start File
jpd	Java Process Definition
jpr	JBuilder Project
js	JavaScript File
jsf	Java Script Command File
jsfl	Flash JavaScript File
jsh	JAWS Script Header File or Jsh Script
json	JavaScript Object Notation File
jsp	Java Server Page

Table 7-7   Developer *(continued)*

Extension	Description
jspa	Java Servlet Alias
jspf	Java Server Page Fragment
jspx	XML Java Server Page
jss	JavaScript Style Sheet File or JAWS Script
jst	JavaServer Page Document
jsxinc	ExtendScript Included Script File
jvs	JavaScript Proxy Autoconfig File
jws	Java Web Services File
kb	C++ Keyboard Script
kdevdlg	KDevelop Dialog Box File
kdevelop	KDevelop Project Data File
kdevprj	KDevelop Project File
kdmp	Windows Crash Dump File
l	Lex Source File
las	A file created or served with the Lasso Programming Language
lasso	Lasso Database-Driven Web Page
lassoapp	A file created or served with the Lasso Programming Language
lbc	Cloaked Affiliate Link Builder Saved Link
lbi	Dreamweaver Library Item
lbs	Omnis Library
lds	Binutils LD Linker Script
less	LESS Style Sheet
lgo	Logo Instructions File
lgt	Logtalk source
lhs	Literate Haskell Script

Table 7-7 Developer *(continued)*

Extension	Description
licenses	Visual Studio Licensed Classes File
licx	Visual Studio License File
lis	Program Listing
lisp	Lisp Source Code File
list	JAR Index File
lit	Literate Haskell Script or Lit Source Code File
livecode	LiveCode Stack File
lnt	PC-lint/FlexeLint Configuration File
lol	LOLCODE Source Code FIle
lproj	Localized Project Folder
lrdb	Photoshop Lightroom Database
lrf	Microsoft Linker Response File
lsp	Lisp Program Source Code File
lsproj	Visual Studio LightSwitch Project
ltb	LithTech Binary File
lua	Lua Source File
lucidsnippet	Lucid Snippet File
lxsproj	Liquid XML Studio Project File
m	Objective-C Implementation File or MATLAB Source Code File or Mercury Source Code File
m4	Macro Processor Library
maff	Mozilla Archive Format File
magik	Magik Source Code File
mak	Makefile
make	Xcode Makefile Script

Table 7-7 Developer *(continued)*

Extension	Description
makefile	Makefile
mako	Mako Template
mapx	Mapjects Client Webparts File
markdn	Markdown File
markdown	Markdown: a lightweight markup language often used to format readme files
master	ASP.NET Master Page
mcp	CodeWarrior Project
md	Markdown Documentation File or Machine Description File
mdown	Markdown File
mdzip	MagicDraw Project Archive
mer	RSView Development Runtime File
mf	Java Manifest File
mfa	Multimedia Fusion Development File
mfcribbon-ms	MFC Ribbon Definition XML File
mht	MHTML Web Archive
mhtml	MIME HTML File
mk	Makefile
ml	ML Source Code File
mlb	Visual FoxPro Library
mm	Objective-C++ Source File
mo	Machine Object File
mod	Fortran Module File
mode1v3	Xcode Project Data File
mode2v3	Xcode Project Data File

Table 7-7   Developer *(continued)*

Extension	Description
mom	Managed Object Model
mpr	FoxPro Generated Menu Program
mrt	Stimulsoft Report File
msha	Microsoft Help Asset File
mshc	Microsoft Help Container File
mshi	Microsoft Help Index File
msl	Mapping Specification Language File
mspx	Microsoft ASP.NET Web Page
mss	Microprocessor Software Specification File
muse	Adobe Muse Website Project
mv	MivaScript File
mvr	IBM HotMedia Multimedia File
mvx	Multimedia Fusion Movement Extension
mxml	Flex MXML Component
myapp	Visual Studio Application XML File
n	Nemerle source
nbc	Next Byte Codes Source Code File
ncb	Visual C++ IntelliSense Database
ned	OMNeT++ Network Description File
neko	Neko Source Code File
nfm	Delphi .NET Form File
nib	Interface Builder User Interface File
nim	Nimrod Source Code File
nk	NUKE Script

Table 7-7   Developer *(continued)*

Extension	Description
nlm	NetWare Loadable Module. The native 32-bit binaries compiled for Novell's NetWare Operating System (versions 3 and newer)
nod	NetObjects Fusion File
nqc	Not Quite C Source Code File
nsh	NSIS Header File
nsi	NSIS Script
nuspec	NuGet Specification File
nvv	NVIDIA Vertex Shader File
nw	Node-Webkit App Package
nxc	Not eXactly C Source Code File
nxg	eSite Builder NXG Web Page
nzb	NewzBin Usenet Index File
o	Compiled Object File
oam	Adobe Edge Animate Widget File
obj	Un-linked object files directly from the compiler.
obml	Opera Mini Saved Web Page
oca	Custom Control Library Type File
octest	Xcode Objective-C Unit Test Bundle
ocx	ActiveX Control
odl	Object Description Language File
ognc	Dynamic Web Page
olp	Office Live Package
omo	OMake Object File
opml	Outline Processor Markup Language File
orderedtest	Visual Studio Ordered Test File

Table 7-7   Developer *(continued)*

Extension	Description
os	ObjectScript Source File
oth	OpenDocument HTML Template
ow	Free Pascal 1.0.x Object File
owl	OWL Source Code File
oxygene	Oxygene Project File
p	Python Pickle File or Pascal Source Code
p6	Perl 6 Source Code File
p7	PKCS #7 Digital Certificate File
pac	Proxy Auto-Config File
page	HybridJava Web Page
pas	Delphi Unit Source File or Pascal Source File
patch	Patch File
pb	PureBasic Source File
pbg	Pixel Bender Graph File
pbj	Pixel Bender Bytecode File
pbk	Pixel Bender Kernel File
pbproj	Project Builder Project
pbxbtree	Xcode Auto-Complete File
pbxproj	Xcode Project Data File
pbxuser	Xcode Project User Data File
pc	Pro*C Source Code File
pch	Precompiled Header File
pcp	Windows Installer Patch Creation Properties File
pde	Arduino Sketch or Processing Development Environment Source Code File

Table 7-7 Developer *(continued)*

Extension	Description
pdl	Perl Data Language File
pdm	VB Project Information File
pef	Preferred Executable Format (Mac OS versions 9 and earlier). Compatible with Mac OS X via the Classic emulator
perspective	Xcode Project Data File
perspectivev3	Xcode Project Data File
pfg	jEEPers Program Configuration File
ph	Perl Header File
php	PHP Source Code File
php3	PHP 3 Web Page
php4	PHP 4 Web Page
php5	PHP 5 Web Page
phps	PHP systax highlighted source
phtm	PHP-Based Web Page
phtml	PHP Web Page
pickle	Python Pickle File
pika	Pika Software Builder Project File
pjx	FoxPro Project
pkgdef	Visual Studio Shell File
pkgundef	Visual Studio Shell File
pkproj	Visual CCScript Project
pl	Perl Script or Prolog Source Code File
pl1	PL/I Source Code
playground	Xcode Playground File
plc	PL/B Source File

Table 7-7 Developer *(continued)*

Extension	Description
ple	Messenger Plus! Live Encrypted Log File
plg	Visual Studio Build Log File
pli	PL/I Source Code File
pltsuite	Safari Page Load Test Suite File
pm	Perl Module
pmq	Microsoft Target Analyzer File
po	Portable Object
pod	Perl POD File
pom	Maven Build File
ppl	Free Pascal Dynamic Library
ppthtml	PowerPoint HTML Presentation
pptmhtml	Microsoft PowerPoint MIME HTML Presentation
ppu	Free Pascal Unit File
prg	RAPID Program File or Visual FoxPro Program File or RPG Toolkit Program File or xBase Program File
pri	Qt Project Include File or Windows Compiled Resources File
pro	Adobe Proto Design File or Qt Project File
project	Eclipse Project Settings File
proto	Protocol Buffer File
ps1xml	Windows PowerShell format and type definitions
psc	Papyrus Script
psc1	Windows PowerShell console file
psd1	Windows PowerShell Data File
psess	Visual Studio Performance Session File
psm1	Windows PowerShell Script Module File

Table 7-7 Developer *(continued)*

Extension	Description
ptl	Rational Rose Petal File
ptw	AutoCAD Publish To Web File
pty	Rational Property Set
pwn	Pawn Source Code File
py	Python Script
pyc	Python byte code files
pyd	Python Dynamic Module
pym	PYM Macro Preprocessor File
pyo	Python Optimized Code
pyw	Python GUI Source File
pyx	Pyrex Source Code File
qbo	QuickBooks Online Bank Statement File
qf	Qompose Web Page Template
qml	QT Meta Language File
qpr	FoxPro Generated Query Program
qrm	Qworum Message File
qx	Quexal Source Code
r	R Script File or Rez Source Code File or REBOL Script or Ratfor Source Code File
rav	Rave Reports Project File
rb	Ruby Source Code or Real Studio Project
rbm	Real Studio Menu File
rbp	Real Studio Project File
rbvcp	Real Studio Version Controlled Project
rbw	Ruby Script or Real Studio Window File

Table 7-7 Developer *(continued)*

Extension	Description
rbxs	ROBLOX Script
rc	Resource Script
rc2	Visual Studio Resources File
rdlc	Visual Studio Client Report Definition File
rdoc	Ruby Document
rdoc_options	Ruby Document Options File
reb	REBOL Script File
reds	Red/System source
refresh	Visual Studio Refresh File
res	C++ Complied Resource Script or Windows Resource File
resjson	Windows JavaScript Resources File
resources	Visual Studio Resource File
resw	Windows Resources File
resx	.NET Managed Resources File
rflw	Edge Reflow Data File
rhtml	Ruby HTML Web Page
rise	RISE Editor Model File
rjs	Ruby Javascript File
rkt	Racket source
rktl	Racket source
rls	Symbian Localization File
rna	Real Native Application File
rodl	RemObjects Definition Language File
rotest	RemObjects SDK Test File
rotestresult	RemObjects SDK Test Results File

Table 7-7   Developer *(continued)*

Extension	Description
rpm	RedHat Package Manager file
rpy	Python Script
rsrc	Macintosh Resource File
rt	RealText Streaming Text File
ru	Java Russian Font Properties File
rul	InstallShield Rules File
rw3	RapidWeaver 3 Site File
rwp	RapidWeaver Package
rwsnippet	RapidWeaver Snippet File
rwsw	RapidWeaver Site File
rwtheme	RapidWeaver Theme
s1es	Executable used for S1ES learning system.
sas	SAS Program File
saveddeck	Nokia Saved Web Page
sb	Scratch Project File or Small Basic Source Code File
sb2	Scratch 2.0 Project File
sbproj	OpenGL Shader Builder Project
sbr	Visual Studio Source Browser Intermediate File
sc	SuperCollider Source Code File
scala	Scala source
scc	SourceSafe Source Code Control File
sce	Scilab
sci	Scilab
scm	Scheme source
scpt	AppleScript Script File

Table 7-7   Developer *(continued)*

Extension	Description
scptd	AppleScript Script Bundle
scratch	Scratch Project File
scriptsuite	AppleScript Script Suite File
scriptterminology	AppleScript Script Terminology File
scss	Sass Cascading Style Sheet
sd7	Seed7 source
sdef	AppleScript Dictionary Document
sdl	Service Description Language File
seam	Seam Framework Java Servlet File
sed	Sed Script
sem	Alpha Five Set Data Dictionary Memo File
setup	CryENGINE Character Setup File
sex	Alpha Five Set Data Dictionary Index File
sgpbpr	Baltie Program
sgpsc	Baltie Scene
sh	Bash Shell Script
sht	HTML File with Server Side Includes
shtm	HTML Server Side Include File
shtml	Server Side Include HTML File
site	GoLive Website Project File
sitemap	ASP.NET Site Map File
sites	iWeb Site Design Project
sites2	iWeb Site Design Project
sjava	Synchronous Java File
skc	Sage Retrieve 4GL Common Area (Main and Amended backup)

Table 7-7   Developer *(continued)*

Extension	Description
skd	Sage Retrieve 4GL Database
skf	Sage Retrieve 4GL File Layouts (Main and Amended backup)
skg	Sage Retrieve 4GL File Layouts (Main and Amended backup)
ski	Sage Retrieve 4GL Instructions
skk	Sage Retrieve 4GL Report Generator
skm	Sage Retrieve 4GL Menu
sko	Sage Retrieve 4GL Program
skq	Sage Retrieve 4GL Print Layouts (Main and Amended backup)
sks	Sage Retrieve 4GL Screen Layouts (Main and Amended backup)
skt	Sage Retrieve 4GL Screen Layouts (Main and Amended backup)
skz	Sage Retrieve 4GL Security File
sll	Static Link Library
sln	Visual Studio Solution File
slogo	StarLogo Project File
slogt	StarLogo Project Template
sltng	StarLogo TNG Project File
smali	Android Smali Assembly Language File
sml	ARC/INFO Simple Macro Language File
snippet	Visual Studio IntelliSense Code Snippet
so	Shared Library
spc	Software Publisher Certificate File
spec	RPM Specification File
spin	Spin source (for Parallax Propeller microcontrollers)
spt	ESPL Programming File or Cypress Semiconductor Script
sqlproj	Visual Studio SQL Server Project

Table 7-7   Developer *(continued)*

Extension	Description
src	Source Code
ss	SilverStripe Source Code File
ssc	SourceSafe Status File
ssi	Adobe Dreamweaver Server Side Include File
stk	Stickfigure file for Pivot stickfigure animator
stml	SSI HTML File
storyboard	Interface Builder Storyboard Document
stp	SharePoint Template
sublime-build	Sublime Text Build File
suck	SiteSucker Website File
sud	Super Project Analyzer File
suo	Visual Studio Solution User Options File
svc	WCF Web Service File
svn-base	Subversion Base File
svr	Compressed Virtual World
swc	Flex Components Archive
swg	SWIG source code
swift	Swift Source Code File
swz	Adobe Flash Player Cache File
sym	Symbols File
t	Turing Source Code File
targets	MSBuild Targets File
tcc	C++ Source Code File
tcl	Tcl Script
tds	Turbo Debugger Symbols File

Table 7-7   Developer *(continued)*

Extension	Description
testrunconfig	Visual Studio Test Run Configuration File
testsettings	Visual Studio Test Settings File
textfactory	BBEdit Text Factory
tiprogram	TI-Basic Program File
tk	Tk Script
tlb	Windows Type Library
tld	Tag Library Descriptor File
tlh	Typelib Generated C/C++ Header File
tli	Typelib Generated C/C++ Inline File
tmlanguage	TextMate Language Grammar File
tmpl	BlueJ Default Template
tmproj	TextMate Project File
tmproject	TextMate Project
tns	TI-Nspire Document
tpu	Turbo Pascal Unit
trx	Visual Studio Test Results File
tt	Visual Studio Text Template
tu	Turing Source File
tur	Turing Program Source File
tvpi	TitanTV Television Listing File
tvvi	TitanTV Television Listing File
twig	Twig Template
ucf	WebEx Media File
uhtml	UC Browser Saved Webpage
ui	User Interface File

Table 7-7   Developer *(continued)*

Extension	Description
uml	UML Data Object Model
umlclass	UML Class Model
url	Internet Shortcut or Bookmark
v	Verilog Source Code File or Coq Source Code File
vala	Vala Source Code File
vap	Value Added Process. Native 16-bit binaries compiled for Novell's NetWare Operating System (version 2, NetWare 286 etc.)
var	Variable Data
vb	Visual Basic.NET source
vbd	Visual Basic ActiveX Document
vbg	Visual Basic Project Group File
vbhtml	ASP.NET Razor Web Page
vbp	Visual Basic Project File
vbproj	Visual Studio Visual Basic Project
vbs	Visual Basic Script
vbx	Visual Basic Custom Control
vbz	Visual Basic Project Template
vc4	Visual C++ 4 File
vcp	eMbedded Visual C++ Project File
vcproj	Visual C++ Project File
vcxproj	Visual C++ Project
vdm	VDM Specification File or VEDIT Macro File
vdp	Visual Studio Deployment Project
vdproj	Visual Studio Setup and Deployment Project
vgc	ViziGen Code Generation Template

Table 7-7 Developer *(continued)*

Extension	Description
vip	Visual Basic project
vlp	LiveSite Project
vm	Velocity Template
vpc	ViziGen Configuration File
vrml	VRML File
vrt	Virtual World
vsct	Visual Studio Command Table
vsdisco	DISCO Dynamic Discovery Document
vsixmanifest	VSIX Manifest
vsmacros	Visual Studio Binary Macro Project
vsmdi	Visual Studio Test Metadata File
vsmproj	Visual Studio Text Macro Project
vsp	Visual Studio Performance Report File
vspf	Visual Studio Performance Filter File
vsps	Visual Studio Serialized Performance Report
vspscc	Visual Studio Project Source Control File
vspx	Visual Studio Performance Report Data File
vssscc	Visual Studio Solution Source Control File
vsz	Visual Studio Wizard File
vtm	Visual Tool Markup Language Document
vtml	Visual Tool Markup Language File
vtv	Adobe Dreamweaver Validator Configuration File
w	OpenEdge Architect Source Code File
w32	Win32 Makefile
war	Archives of Java Web applications

Table 7-7   Developer *(continued)*

Extension	Description
wbs	WebBlender Project File
wbxml	WAP Binary XML File
wdgt	Opera Widget or Adobe Captivate Widget File
wdgtproj	Dashcode Widget Project
wdl	World Definition Language Script
wdw	WinDev Window File
web	Xara Web Document
webarchive	Safari Web Archive
webarchivexml	Android Web Browser Archive
webbookmark	Safari Web Bookmark File
webhistory	Safari Web History File
webloc	Mac OS X Website Location
website	Internet Explorer Pinned Site Shortcut
wgp	Web Gallery Project
wgt	Opera Widget File
whtt	HTTrack Website Copier File
wid	Visual Studio Widget File
winmd	Windows Metadata File
wiq	Visual Studio Work Item Query File
wixlib	WiX Library File
wixmsp	WiX XML Patch File
wixmst	WiX Transform File
wixobj	WiX Object File
wixout	WiX XML Output File
wixpdb	WiX Debug File

Table 7-7 Developer *(continued)*

Extension	Description
wixproj	WiX Project File
wml	Wireless Markup Language File
woa	WebObjects Application
worksheet	BBEdit Shell Worksheet File
wowproj	AddOn Studio Project File
wrf	WebEx Recording
wsc	Windows Script Component
wsdl	Web Services Description Language File
wsp	SharePoint Solution Package
wxi	WiX Include File
wxl	WiX Localization File
wxs	WiX Source File
xaml	XAML File
xamlx	Visual Studio Workflow Service File
xbel	XBEL Bookmarks File
xbf	XAML Binary File
xbl	Extensible Binding Language File
xcappdata	Xcode App Data File
xcarchive	Xcode Archive
xcconfig	Xcode Configuration Settings File
xcdatamodel	Xcode Core Data Model File
xcdatamodeld	Xcode Core Data Model File
xcode	Xcode Project
xcodeproj	Xcode Project
xcsnapshots	Xcode Snapshot

Table 7-7 Developer *(continued)*

Extension	Description
xcworkspace	Xcode Workspace File
xfdl	XFDL File
xht	eXtensible Hyper-Text Markup Language (XHTML) File
xhtm	Extensible Hypertext Markup Language Document
xhtml	Extensible Hypertext Markup Language File
xib	Interface Builder File
xojo_binary_menu	Xojo Binary Menu File
xojo_binary_project	Xojo Binary Project File
xojo_binary_toolbar	Xojo Binary Toolbar File
xojo_binary_window	Xojo Binary Window File
xojo_menu	Xojo Menu File
xojo_project	Xojo Project File
xojo_toolbar	Xojo Toolbar File
xojo_window	Xojo Window File
xojo_xml_menu	Xojo XML Menu File
xojo_xml_project	Xojo Binary Project File
xojo_xml_toolbar	Xojo Toolbar File
xojo_xml_window	Xojo XML Window File
xoml	Windows Workflow File
xpd	XML Pipeline Document
xpi	PKZIP archive that can be run by Mozilla web browsers to install software)
xpp	X++ Source Code File
xq	XQuery File
xql	XML Query Language File

Table 7-7   Developer *(continued)*

Extension	Description
xqm	XQuery Module
xquery	XQuery Source Code File
xqy	XQuery Source File
xsd	XML Schema Definition
xss	XML Style Sheet
xsx	Visual Studio XML Schema Layout File
xt	Xdebug Trace File
xul	XML User Interface Language File
xws	Xara Web Designer Graphic
y	Yacc Source File
yab	Yabasic Source Code
yaml	YAML (Yet another markup language) Document
yml	YAML Document
yml2	YML Script
ymp	YaST Metapackage File
ypr	BYOB Project File
zfo	XSL-FO Online Form
zhtml	RabbitWeb Webpage or Secure IE Zipped HTML File
zul	ZK User Interface File
zvz	Possible Virus File

File Extensions of type 'Document'

Table 7-8   Document

Extension	Description
4ui	ForeUI Plot File

Table 7-8   Document *(continued)*

Extension	Description
602	Text602 document
abw	AbiWord Document
acl	MS Word AutoCorrect List
ami	Lotus Ami Pro
amigaguide	Hypertext ASCII format designed for the Amiga
anh	Project ROME File
antmpl	Adobe Edge Animate Template File
ap	ArtPro File
avery	Avery Design & Print Online Label File
aww	Ability Write
biz	Broderbund Business Card File
bpf	Baan ERP Document
bro	CreataCard Brochure Project or Design & Print Page Design File
btw	BarTender Label
cal	Microsoft Calendar File or Schedule+ File
cap	Ventura Publisher. Xerox (DOS / GEM)
cd2	Click'N Design 3D File
cedprj	Ashampoo CoverEditor Project
ch3	Harvard Graphics DOS Chart File
chp	Ventura Publisher. Xerox (DOS / GEM)
cif	Ventura Publisher. Xerox (DOS / GEM)
cl2arc	Comic Life 2 Document Archive
cl2doc	Comic Life 2 Document
cl2lyt	Comic Life 2 Layout File
cl2tpl	Comic Life 2 Template

Table 7-8   Document *(continued)*

Extension	Description
clt	Clarity Legal Transcript File
cndx	Avery DesignPro for Mac Label File
comicdoc	Comic Life Document
compositiontemplate	Invantive Composition Template
cov	Fax Cover Page File
cpe	Fax Cover Page File
cph	Corel Print House File
cpy	eCopy Desktop File
crtr	MultiAd Creator Pro Document
cst	Manga Studio Story File
cvw	CaseView Document
cw	CardWorks Template
cwk	ClarisWorks / AppleWorks document
dmtemplate	Direct Mail Template
doc	Microsoft Word document or WordPad document
docm	Microsoft Word for Mac document or Word Open XML Macro-Enabled Document
docx	Microsoft Word Open XML Document
dot	Word Document Template
dotx	Microsoft Word Open XML Document Template
dpd	Ovation Pro File
drmx	Drumlin Fully Secure PDF File
drmz	Drumlin Fully Secure Mobile PDF File
dtl	Now Contact Detail Template
dtp	Publish-iT Document

Table 7-8 Document *(continued)*

Extension	Description
dtx	Documented LaTeX File
dvi	Device independent file format
dwdoc	DrawWell Document
edrwx	XPS Drawing Document
epub	EPUB open standard for e-books
ezw	Reagency Systems easyOFFER document
fcdt	FormsCentral Design Template
fd2	PictureMate Borders File
fdx	Final Draft Document
flb	FileMaker Pro Label File
fm	FrameMaker Document
folio	Adobe Folio File
form	NetBeans Java GUI Designer Form
fp3	FastReport Prepared Report File
fr3	FastReport Form File
frf	Free Report Form File
frm	Ventura Publisher. Xerox (DOS / GEM)
ftx	Fielded Text (Declared)
fxm	WinFax Document
gdoc	Google Drive Document
gem	Ventura Publisher Document
hfd	HotDocs Form Document
hft	HotDocs Form Template
hmk	Hallmark Card Studio File
hpd	HotDocs PDF Document

Table 7-8   Document *(continued)*

Extension	Description
hpt	HotDocs PDF Template
hwp	Haansoft (Hancom) Hangul Word Processor document or Hanword document
hwpml	Haansoft (Hancom) Hangul Word Processor Markup Language document
icap	InCopy Package File
icml	InCopy Document
icmt	InCopy Template
idap	Adobe InDesign Assignment Package
idml	Adobe InDesign Markup Language File
idms	Adobe InDesign Snippet
idpk	Adobe InDesign Package for GoLive File
ifd	InForm Document
ildoc	QuickSilver Document
imm	iMindMap Map File
imtx	iMindMap Template File
imx	iMindMap Map File
incd	InCopy Document
inct	InCopy Template
incx	InCopy CS3 Interchange File
ind	Adobe InDesign Document
indb	Adobe InDesign Book File
indd	Adobe InDesign Document
indl	Adobe InDesign Library
indp	Adobe InDesign CS3 Package File
inds	Adobe InDesign Snippet File

Table 7-8   Document *(continued)*

Extension	Description
indt	Adobe InDesign Template
infopathxml	Microsoft InfoPath Form
inx	Adobe InDesign Interchange File
isale	iSale Auction
isaletemplate	iSale Template
isallic	iSale License File
isd	Flexera InstallShield Dialog Box File
jtp	Windows Journal Template
jtx	Jrju Text File or XPS Document
lab	WordPerfect Label Definition File
lbl	Now Contact Label Template or dBASE Label File
lld	Logo! Soft Comfort LAD File
lma	Logo! UDF File
lpdf	Localized PDF File
lsc	Logo! Soft Comfort File
ltf	Laser App Temp Form File
lwp	Lotus Word Pro Document
mars	Adobe MARS File
max	OmniPage Scanned Document
mbbk	ManaBook Book Kit File
mcf	FotoInsight Designer
mcsp	My Craft Studio Project File
mcsx	My Craft Studio Professional File
mcw	Microsoft Word for Macintosh (versions 4.0?5.1) or MacWrite II Document

Table 7-8   Document *(continued)*

Extension	Description
mdi	Microsoft Document Imaging File
mga	Manga Document
mobi	Mobipocket documents
mw	MacWrite Text Document
nb	Mathematica Notebook or slideshow
nbp	Mathematica Player Notebook or slideshow
npp	Art Explosion Publisher Pro Document
nud	Now Up-To-Date Calendar File
odm	OpenDocument master document
odt	OpenDocument text document
ola	Online Access File
omm	OmmWriter text document
opd	OmniPage Document or Durango Document
ott	OpenDocument text document template
oxps	OpenXPS File
p65	PageMaker 6.5 Document
pa	Print Artist Project
pages	Apple Pages document
pcl	Printer Command Language Document
pdax	Portable Document Archive (PDA) document index file
pder	ProntoDoc for Excel Conventional Document
pdf	Portable Document Format File
pdfxml	Adobe PDFXML Document
pdg	Print Shop Deluxe Design File
pdh	ProntoDoc for Word Browser Display Document Template

Table 7-8 Document *(continued)*

Extension	Description
pdp	Adobe Portable Document Format File
pdw	ProntoDoc for Word Conventional Document Template
pdwr	ProntoDoc for Word Conventional Document
pdz	ProntoDoc for Word Structured Text Document Template
pex	West Publisher Portable Exhibit File
pff	Formatta Portable Form File
pld	PhotoLine document
pm4	PageMaker 4 Document
pm5	PageMaker 5.0 Document
pm6	PageMaker 6.0 Document
pmd	PageMaker Document
pnh	Project ROME Plug-in Archive
ppp	Serif PagePlus Document
ppx	Serif PagePlus Template File
prn	Printable File or Lotus 1-2-3 Formatted Text File
ps	PostScript
psg	Page Segment File
psr	Powersoft Report File
psw	Pocket Word Document
pub	Publisher Document
pwd	Pocket Word Document
pwi	Pocket Word Document
q3c	Quick 3D Cover Project File
qpt	QuarkXPress Project Template

Table 7-8 Document *(continued)*

Extension	Description
quox	Question Object File Format for Quobject Designer or Quobject Explorer
qxb	QuarkXPress Book File
qxd	QuarkXPress Document
qxp	QuarkXPress Project File
qxt	QuarkXPress Template
radix-64	Base64 encoded binary
rb4	Resume Builder 4 File
rels	Open Office XML Relationships File
rlf	ArcGIS Report Layout File
rmr	ResumeMaker File
rpt	Generic Report or AccountEdge Report or Crystal Reports File
rptr	RafflePrinter Document
rtf	Rich Text document
sdw	StarWriter text document. Used in earlier versions of StarOffice
se	Shuttle Document
sjd	Scrapbook Factory Journal File
sla	Scribus Document
snp	Access Report Snapshot
spub	Swift Publisher Document
stw	OpenOffice.org XML (obsolete) document template
sty	Ventura Publisher. Xerox (DOS / GEM) or LaTeX Style
sublime-snippet	Sublime Text Snippet File
sxw	OpenOffice.org XML (obsolete) document
tex	TeX or LaTeX Source Document

Table 7-8 Document *(continued)*

Extension	Description
totalslayout	Totals Invoice Layout File
tp3	Harvard Graphics DOS Template File
troff	Unix document processing system
uof	Uniform Office Format
uoml	Unique Object Markup Language
vfc	VentaFax Cover Page File
vgr	Ventura Publisher. Xerox (DOS / GEM)
via	Revoware VIA Document Project File
vp	Ventura Publication File
webtemplate	iWeb Template
webtheme	iWeb Theme Template
wlp	Worldlabel.com Label Designer File
wmga	Web Manga Document
wpd	WordPerfect Document or ACT! 2 Word Processing Document or 602Text Word Processing Document
wps	Microsoft Works Word Processor Document or Kingsoft Writer Document
wpt	Works Template or WordPerfect Template or Kingsoft Writer Template
wpw	WP Works Word Processor File
wrd	WordIt! document
wri	Microsoft Write document
wwf	World Wide Fund Non-Printable Document
xdw	Fuji Xerox DocuWorks File
xif	ScanSoft Pagis File
xps	XML Paper Specification File

Table 7-8   Document *(continued)*

Extension	Description
xsl-fo	XSL formatting objects)
xsn	InfoPath Form Template File
xzfx	ZipLogix ZipForm File
zave	Aquafadas
zdl	Avery DesignPro Label File
zdp	Avery DesignPro Label File
zds	DesignPro Label File
zfx	ZipForm File
zno	Zinio Electronic Magazine File

File Extensions of type 'Email'

Table 7-9   Email

Extension	Description
agt	PeerAgent Typed Executable E-mail file
bina	Netscape Mail file
boe	Microsoft Outlook Express backup file
bri	Open Text FirstClass file
cnm	Pegasus Mail new mail message or Kerio WinRoute Firewall electronic mail file
emix	Apple Mail mailbox message file
eml	Outlook Express saved mail message file
emlx	Apple Mail email message
ezm	EasyOffice mail file
gmp	Group Mail file
ldi	LDIF address book interchange format file

Table 7-9   Email *(continued)*

Extension	Description
mail	NeoPlanet mail client file
maildb	MSN Mail file
mailhost	E-mail Server preferences file
mau	Media Attachment Unit file
mbg	Microsoft Mailbag Assistant e-mail archive file
mbox	Mail mailbox file
mbs	Opera mailbox file
mlm	Novell GroupWise saved email message file
mmdf	Multi-channel Memorandum Distribution Facility mailbox format file
mozeml	Mozilla Thunderbird mail message
msf	Mozilla Thunderbird mail summary file
msg	Outlook saved email message
nws	Microsoft Outlook Express news message file
outlook97	Microsoft Outlook custom mail file
pbx	Outlook Express message folder file
pm1	Pegasus Mail secondary address book index file
pmi	Pegasus Mail message folder index file
pmx	E-mail Examiner file or Pegasus Mail outgoing message file
pop	AAICWpro saved pop3 mail file or PopMail messages index file
pst	Microsoft Outlook personal folder file
rpmsg	Microsoft Restricted Permission Message file
sbd	Mozilla mail subdirectory file
schd	Microsoft Email Schedule file
sdm	StarOffice Mail Message

Table 7-9   Email *(continued)*

Extension	Description
smd	Mail document or message file
tbb	The Bat! e-mail hives
tnf	Transport Neutral Encapsulation Format file
vcard	vCard file
vcf	vCard file for contacts and address books
vrge08contact	Microsoft Entourage 2008 contact file
vrge08event	Microsoft Entourage 2008 event file
vrge08group	Microsoft Entourage 2008 group file
vrge08message	Microsoft Entourage 2008 message file
vrge08note	Microsoft Entourage 2008 note file
wdseml	Mozilla Thunderbird mail message file

File Extensions of type 'GIS'

Table 7-10   GIS

Extension	Description
3dd	ArcGlobe Document
3dl	iGO Landmark File
477	MNS Shape Definition Companion File
apl	ArcPad Layer File
aqm	AlpineQuest Map File
at5	Lowrance Map File
atx	ArcGIS Attribute Index File
avl	ArcView Legend File
axe	AutoRoute Map File
axt	Microsoft AutoRoute Template

Table 7-10   GIS *(continued)*

Extension	Description
bil	ESRI BIL File
bpw	Bitmap World File
bt	Binary Terrain File
cub	ISIS Cube File
div	DIVA-GIS Project File
dix	DIVA-GIS Export File
dlg	Digital Line Graph
dmf	Geosystem Digitals Map File
dmt	DeLorme Transfer File
dt0	DTED Level 0 File
dt1	DTED Level 1 File
dted	Digital Terrain Elevation Data
dvc	IDRISI Vector Definition File
e00	ArcInfo Coverage Export File
ers	ER Mapper Data File
est	Streets & Trips Map File
eta	Google Earth Placemark File
fbl	iGO Map File
ffs	FME Desktop Feature Store File
fit	Garmin Activity File
fls	ArcView GIS Windows Help Supporting File
fme	FME Mapping File
fmi	FME Include File
fmw	FME Workbench File
gen	ArcView ARC/INFO UnGenerate file

Table 7-10   GIS *(continued)*

Extension	Description
geojson	GeoJSON File
geotiff	Geographically located raster data
gfw	GIF World File
glb	STK Globe File
gmap	Garmin Map File
gpf	Geosoft Project File
gprx	Geoxa Project File
gps	Survey Pro Coordinate File
gpx	GPS Exchange File
grb	GRIB Meteorological Data File
gsb	Golden Software Boundary File
gsi	Golden Software Interchange File
gsm	MapViewer Project File
gsr	Golden Software Reference File
gsr2	Golden Software Reference File
gst	MapInfo Geoset File
gws	Geosoft Workspace File
hdr	ESRI BIL Header File
hgt	SRTM Elevation Data File
imi	Magellan Map File
jgw	JPEG World File
jpgw	JPEG World File
jpw	World File for JPEG
kml	Keyhole Markup Language File
kmz	Google Earth Placemark File

Table 7-10 GIS *(continued)*

Extension	Description
lan	ERDAS LAN File
lpk	ArcGIS Layer Package
map	NAVIGON Map File or Mapjects Server Webparts File
mdc	Merkaartor Document
mif	MapInfo Interchange Format File
mmz	MiraMon Compressed Map File
mnh	Master Navigator Header File
mpk	ArcGIS Map Package
msd	Map Service Definition File
mwx	MapGuide Author Map Window XML File
mxd	ArcGIS Map Document
mxt	ArcGIS Map Template
ngt	Noni GPSPlot Track File
nm2	Navitel Map File
nm3	Navitel 5 Map File
nmap	NaviComputer Map File
nmc	ArcGIS Explorer Map Content File
nmf	ArcGIS Explorer Map File
ntf	National Transfer Format file
nv2	Navionics Chart File
ocd	OCAD Map File
osb	OpenStreetMap Binary Map File
osc	OpenStreetMap Change File
osm	OpenStreetMap Map File
ov2	TomTom Points of Interest Database

Table 7-10   GIS *(continued)*

Extension	Description
pin	MNS Projection Information File
pix	PCI Geomatics Database File
pmf	ESRI Published Map File
ptm	MapPoint Map File
ptt	MapPoint Map Template
rdc	IDRISI Raster Documentation File
rgn	Garmin Regional Map File
rrd	Reduced Resolution Dataset File
sbn	ESRI Spatial Binary File or GT-31 Binary Data File
sp3	NGS SP3 File
stt	Streets & Trips Map Template
style	ArcGIS Style Manager File
tfrd	Tape Image Format Requirements Document
tfw	World File for TIFF
th	Therion Data File
tpx	DeLorme Topo Project File
ttkgp	TatukGIS Project File
vdc	IDRISI Vector Documentation File
vec	IDRISI Vector File
wld	ESRI World File
wor	MapInfo Workspace File
xol	Swiss Map Overlay

File Extensions of type 'Game'

Table 7-11   Game

Extension	Description
32x	Sega 32X ROM
555	Black & White Weather Settings File
78	Super NES (Nintendo Entertainment System) split ROMs which are rare
8ld	Overlord 2 Language File
a26	Atari 2600 ROM
acx	Atari ST Program
agb	Game Boy Advance ROM
age3rec	Age of Empires 3 Recording
age3sav	Age of Empires 3 Save File
age3scn	Age of Empires 3 Scenario File
age3xrec	Age of Empires 3: The WarChiefs Recording
age3xsav	Age of Empires 3: The WarChiefs Save File
age3yrec	Age of Empires 3: The Asian Dynasties Recording
age3ysav	Age of Empires 3: The Asian Dynasties Save File
agx	AGT Game File
ain	Source Engine Compiled AI Nodegraph File
alr	ADRIFT Language Resource File
am1	Adventure Maker
an2	Croc Legend of the Gobbos Animation File
arch00	F.E.A.R. Game Archive
arena	Quake 3 Engine Arena File
ash	Audiosurf Audio Metadata File or KoLmafia ASH Script or Nintendo Wii System Menu File

Table 7-11   Game *(continued)*

Extension	Description
ass	Splinter Cell Blacklist Game Data File
asset	Unity Asset File
asstrm	Splinter Cell Blacklist Game Data File
b	Grand Theft Auto 3 Saved Game File
bar	Age of Empires 3 Data File or Age of Mythology Data File
bb3	BlasterBall 3 Level File Support
bdae	Gameloft Game Data File
bejeweled2deluxesavedgame	Bejeweled 2 Deluxe Saved Game
bf	CryoBF Game Data File
bfg	Big Fish Games Application File
bfm	Terminal Reality Model File
bfs	FlatOut Game Data File
bgl	Flight Simulator Scenery File
bgz	Blood Frontier Map File
bic	Civilization 3 Scenario File or Neverwinter Nights Character File
big	Electronic Arts Game Data File
biq	Civilization 3 Scenario File
blackhawkstriker2	Blackhawk Striker 2 Saved Game
blasterball3savedgame	BlasterBall 3 Saved Game
blorb	Interactive Fiction Package Game File
bls	Blockland Saved Game File
bmd	MU Online Game Data File or GameCube 3D Model File
bme	BeatMania 7-Key Song File
bmg	Nintendo DS On-Screen Text File
bms	BeatMania Song File

Table 7-11 Game *(continued)*

Extension	Description
bng	The Bingo Maker Card File
bns	Portal Bonus Map Script
bnz	The Bingo Maker Card Template File
bol	Used for levels on Poing!PC
bookwormdeluxesavedgame	Bookworm Deluxe Saved Game
breff	Wii Effect Controls File
breft	Wii Effects File
brlyt	Wii Textures and Material Lists File
brmdl	Wii BRMDL Model File
brres	Wii BRRES Resource Package
brsar	Wii BRSAR Audio Package
brtex	Wii BRTEX Texture File
bs1	VirtualBus Vehicle Configuration File
bsa	Bethesda Softworks Archive
bsb	BioShock Saved Game File
bsp	Quake Engine Game Map File
bus	OMSI Bus Configuration File or VirtualBus Board Parameters File
bwa	Bookworm Adventures Player File
bzw	BZFlag World File
c4k	Clonk Key File
carc	Nintendo DS Compressed Archive File
cbh	ChessBase Database Header File
cbv	ChessBase Database File
cdp2	Trainz Classics Content Dispatcher Pack 2

Table 7-11 Game *(continued)*

Extension	Description
cem	Children of the Nile Model File
cfge	Jewel Quest Configuration File
cfr	Cross Fire Replay File
cgf	Crytek Geometry Format File
chd	MAME Hard Disk Image
chesstitanssave-ms	Microsoft Chess Titans Saved Game
chr0	Wii Model Animation File
civ5map	Civilization 5 Map
civ5mod	Civilization 5 Mod File
civ5save	Civilization 5 Saved Game
cli	Grand Theft Auto Clip Data File
clr0	Wii Color Swapping Animation File
cme	Crazy Machines Experiment File
cns	M.U.G.E.N. Character States File
comfycakessave-ms	Comfy Cakes Saved Game
con	Battlefield 1942 Configuration File
cpn	Age of Mythology Campaign File
craft	KSP Spacecraft File
crs	StepMania Course File
crysisjmsf	Crysis Saved Game
crysispsf	Crysis Warhead Saved Game
cty	SimCity City File
cwd	Nonogram Puzzle File
d$$	AGT Game Encrypted Message File
d2s	Diablo 2 Save File

Table 7-11   Game *(continued)*

Extension	Description
d3dbsp	Call of Duty Map File
da1	AGT Game Data File
da3	AGT Game Data File
da4	AGT Game Data File
da5	AGT Game Data File
da6	AGT Game Data File
dat_mcr	Minecraft Level.dat Backup File
dat_new	Minecraft World Level File
dat_old	Minecraft Level.dat Backup File
day	Day of the Zombie Map File
dazip	Dragon Age: Origins Game File
dbpf	Sims 2 DBPF package
deh	DeHackEd files to mutate the DOOM executable (not officially part of the DOOM engine)
dek	Magic: The Gathering Deck File or LackeyCCG Card Deck File or Yugioh Virtual Desktop Deck File
desc	Battlefield 2 Map Description File
diva	Project DIVA Song File
dm_68	Quake 3 Demo File
dm_82	Wolfenstein 1.00 Demo Movie File
dm_83	Wolfenstein 1.02 Demo Movie File
dm_84	Wolfenstein 2.06 Demo Movie File
dn1	Duke Nukem 1 Game Data File
dn2	Duke Nukem Episode 2 Game File
dn3	Duke Nukem Episode 3 Game File
dnf	Duke Nukem Forever Map File

Table 7-11   Game *(continued)*

Extension	Description
dnh	Danmakufu Script
dns	Duke Nukem Forever Save File
dol	GameCube Executable File
dpf	Dargon Package
duc	Action Replay Max DS Save File
dv2	Divinity 2 Data File
dwp	Darwin Pond Save File
dxs	Deus Ex Saved Game
dzip	The Witcher 2 Game Archive
e2gm	Pangea Enigmo 2 Custom Game File
edat	Sony Encrypted Data File
eepf	EmuOS Exchangeable Packet File
egm	Enigmo Custom Game File
eix	Metin2 Game Data File
elf	PlayStation Executable File or Nintendo Wii Game File
eng	Chess Engine
epc	Doctor Who Game Data File
epk	Metin2 Game Data Package
esg	Enigmo Saved Game File
esm	Elder Scrolls Master File or Fallout 3 Master File
est_uax	Spanish Unreal Audio Package
eur	Nintendo 64 data
exc	Black & White Zone File
exs	Blades of Exile Scenario
fbrb	Battlefield Bad Company 2 Data File

Table 7-11   Game *(continued)*

Extension	Description
fc2map	Far Cry 2 User Map
fcm	fCraft World File
ff	Call of Duty 4 Fast File
fgd	Forge Game Data File
fila	Aleph One Replay File
fl	Freelancer Saved Game File
flash	Frictional Games Flashback File
fld	YSFLIGHT Field File
fml	WWE RAW Character File
fnta	Aleph One Font File
fomod	Fallout Mod Archive
fontdat	Quake game engine fonts
forge	Assassin's Creed Game Data File
fos	Fallout 3 Saved Game
fpid	FPS Creator AI Wizard Data File
fpk	Civilization 4 Data File
fpmb	FPS Creator Mab Buffer File
fpmo	FPS Creator Map Overlay File
fpop	Spider-Man: Shattered Dimensions Saved Game
fps	FPS Creator Segment File
freecellsave-ms	Microsoft FreeCell Saved Game
fs2	FreeSpace 2 Saved Mission File
fsg	FreeCol Saved Game File
fssave	Flight Simulator Save File
fst	Crazy Machines 2 Object File

Table 7-11   Game *(continued)*

Extension	Description
fuk	Postal 2 Map File
fxt	Grand Theft Auto Fake Text File
g3x	RealFlight Content File
galaxy	Blizzard Galaxy File
gam	Saved Game File
game	GameSalad Exported Game File or Apple Chess Saved Game
gamedata	Sandlot Game Data File
gba	Game Boy Advance ROM
gbaskin	Game Boy Advance Controller Skin File
gbc	Game Boy Color ROM
gbcskin	Game Boy Color Controller Skin File
gblorb	Glulx Blorb Game File
gcf	Game Cache File
gci	GameCube Save File
gcm	GameCube ROM
gct	Ocarina Cheat Code Manager File
gcz	Compressed GameCube/Wii ROM
gdi	Dreamcast Gigabyte Disc Image
gdw	Jaws Unleashed Data File
gfx	GFx Scaleform File
gjd	The 7th Guest Media File
gma	Garry's Mod Addon File
gme	DexDrive Game Card File
gmres	Game Maker Resource File
gmv	Gens Game Recording

Table 7-11 Game *(continued)*

Extension	Description
goomod	World of Goo Add-on
gr2	Granny 3D File
gs0	Sega Genesis Emulator Quick Slot 0 Save File
gsba	Game Save Backup Archive
gsc	Call of Duty Game Script
gsx	Sega Genesis Emulator Saved State File
h3m	Heroes 3 Map File
h4r	Heroes of Might and Magic IV Data File
he0	Humongous Entertainment Game Archive
he1	Humongous Entertainment Game Archive
he2	Humongous Entertainment Game Archive
he4	HE games File
heartssave-ms	Microsoft Hearts Save File
hhsl	Hockey High Score List File
hi	MacMAME High Scores File
hmp	Worms Height Map File
hog	Descent Mission File
honmod	HON Modification Manager File
hot	The Sims Sound File
hum	OMSI Human Configuration File
hwd	Hedgewars Demo File
hwmap	Hedgewars Drawn Map File
hws	Hedgewars Saved Game
hxm	Descent 2 Resource Modification
i3pack	Point Blank Game Data File

Table 7-11 Game *(continued)*

Extension	Description
ib2	IncrediBots 2 Saved Challenge File
ib3	IncrediBots 3 Saved Challenge File
ibro	IncrediBots Robot File
ibt	Texture and Model File
idx0	Runescape Cache Index File
idx255	Runescape Cache File
ifp	GTA Animation File
imga	Aleph One Image File
inform	Inform Project
inv	INVedit File
ipl	GTA Item Placement File
ips	Internal Patching System Patch File
isr	GoMoku Game File
itk	ScummVM Game Data File
itr	Icy Tower Replay File
iwd	Call of Duty Game Data File
j2i	Jazz 2 Internet Link File
j2l	Jazz Jackrabbit 2 Level File
j64	Atari Jaguar
ja	Jet Archive
jag	Jagex Data File
jap	Nonogram Puzzle File or Japanese Nintendo 64 Game ROM
jcr	Nonogram Puzzle File
jg4	BigJig Jigsaw Puzzle
jigsaw	Jigsaw Explorer Save File

Table 7-11   Game *(continued)*

Extension	Description
jkb	Jedi Knight Bot File
jrc	PCjr Cartridge ROM File
jrz	PSP Game Data File
k2s	Kaiser 2 Saved Game
kag	King Arthur's Gold Map File
kcl	Mario Kart Collision File
kf2	Max Payne Resource File
kfs	Max Payne Model File
kodu	Kodu Game File
kv6	Ace of Spades Model File
kwreplay	Command & Conquer 3 Replay File
l3d	Black & White Graphics File
laby	Laby Level File
ldw	Virtual Villagers Saved Game File
lgl	LeechGet Download List
lgp	Final Fantasy Media Archive
lip	Bethesda Softworks Lip Sync File or Real Virtuality Lip Sync File
litemod	Minecraft LiteLoader Mod File
ll	List & Label Preview File
lmp	Quake Engine Lump File
lmu	RPG Maker Map File
lod	Heroes of Might and Magic 3 Graphics File
love	L?VE Game File
lpb	LaserTank Replay File
lsw	RPG Maker Saved Game File

Table 7-11 Game *(continued)*

Extension	Description
ltg	LaserTank Graphics File
luxb	Lux Map File
lvl	Game Level File
mae	My Avatar Editor Character File
mahjongtitanssave-ms	Mahjong Titans Saved Game
manm	Vietcong Game Data File
maplet	Maplet World File
masseffectprofile	Mass Effect Player Profile
masseffectsave	Mass Effect Saved Game
mato	Atomic Combat Saved Game
maz	Hover! Maze File
mca	Minecraft Anvil Map File
mcgame	Minecraft Game Backup File
mclevel	Minecraft Map File
mcmeta	Minecraft Animation File
mcworld	Minecraft World Backup File
md2	Quake 2 Player Model
md3	Quake 3 3D Model
mdl0	Wii Model File
me2mod	Mass Effect 2 Modification File
menu	Quake 3 Engine Menu File
mgl	Age of Empires 2 Replay File
mgx	Rise of Nations Saved Game or Age of Empires 2 Expansion Replay File
mii	Wii Virtual Avatar File

Table 7-11   Game *(continued)*

Extension	Description
mine	Minecraft Map File
minesweepersave-ms	Minesweeper Saved Game
mis	Marble Blast Gold Mission File or Saved Game Mission File
mm7	Might and Magic 7 Saved Game
mm8	Might and Magic 8 Saved Game
momma	Offspring Fling Replay File
mp2m	Max Payne 2 Mod File
mp2s	Max Payne 2 Saved Game
mpm	Max Payne Modfication File
mpq	Blizzard Mo'PaQ File
mps	Max Payne Saved Game
mpz	Red Eclipse Map File
mrs	GunZ Game Data File
ms1	VirtualBus Map File
msbt	Nintendo Wii Galaxy Dialogue File
mul	Ultima Online Multi File or Deus Ex: HR Multiplexed Audio File
mx2	Heroes of Might and Magic II Expansion Map File
n3pmesh	Knight Online 3D Mesh File
n64	Nintendo 64 Emulator ROM File
narc	Nintendo DS Archive File
naz	Total Overdose Game Data File
nbt	Minecraft Named Binary Tag File
ncgr	Nintendo DS Title Graphics File
nclr	Nintendo DS Color Palette File
neosave	Neopets Save File

Table 7-11   Game *(continued)*

Extension	Description
nes	Nintendo (NES) ROM File
nfs11save	Need for Speed: Hot Pursuit Save File
ngage	N-Gage Game File
n-gage	N-Gage Application
ngc	NeoGeo Pocket Color ROM
ngp	NeoGeo Pocket ROM
ngs	Steins;Gate Game File
nlelem	NoLimits Track Element File
nlpx	NoLimits Package
nltrack	NoLimits Roller Coaster Track File
npa	Steins;Gate Archive
npc	Neo Geo Pocket
nsbca	Nintendo DS Model Animation File
nsbmd	Nintendo DS Model File
nsbtx	Nintendo DS Model Texture File
nscr	Nintendo DS Title Screen File
ntrk	Pacific FIghters Online Track File
nv	MAME NVRAM File
oec	Format used by OE-Cake for scene data storage
ogz	Cube 2 Map File
omod	Oblivion Mod Archive
osk	Osu! Skin File
osr	Osu! Replay File
osu	Osu! Script
ovh	OMSI Vehicle Configuration File

Table 7-11 Game *(continued)*

Extension	Description
ovl	Rollercoaster Tycoon 3 Data File
p2s	PCSX2 Saved State
p3d	Format for panda3d by Disney
p3t	PlayStation 3 Theme File
papa	Game Save Backup File
pat0	Wii Texture Pattern File
pb2map	Plazma Burst 2 Custom Map file
pbn	Portable Bridge Notation File
pbo	Packed Bohemia Object
pbp	PSP Firmware Update File
pcc	Mass Effect Package
pce	TurboGrafx-16 ROM
pcsav	Mass Effect 2 Saved Game
pcsxstate	PCSX Saved State File
peg	Peggle Replay File
pegn	Peggle Nights Replay File
per	Age of Empires Personality File
pgn	Portable Game Notation File
pgt	Pok?mon Gift File
phn	Algodoo Phun Phunlet
phya	Aleph One Physics File
phz	Algodoo Phun Compressed Phunlet
pig	Descent Texture File or Pirates of the Burning Sea Data File
pj	Project64 Saved State File
pk2	Quake II game engine data. They are actually .zip files.

Table 7-11   Game *(continued)*

Extension	Description
pk3	Quake 3 Engine Game Data File or ZDoom Package
pk4	Doom 3 Engine Game Data File
pkm	Pok?mon Saved Game Data File
playmission	MissionPlayer Game File
plr	rFactor Player File or Terraria Player File
plt0	Wii Color Palette File
pnach	PCSX2 Patch File
pof	Descent Robot Definition File
pog	Descent 2 Texture Modification
pq	Progress Quest Save File
pqhero	Puzzle Quest Saved Game
prefs	MMORPG Tycoon Preferences File
prison	Prison Architect Saved Game
prk	Thrillville Park File
psdl	Midtown Madness 2 City File
pssg	EGO Engine Textures File
psu	EMS PS2 Memory Adapter Save File
psx	PlayStation Save File
psys	ZEQ2 Lite Particle Effects File
purblepairssave-ms	Purble Pairs Saved Game
purbleshopsave-ms	Purble Place Shop Saved Game
pvpf	Pet ville Save File
pwf	Counter-Strike PODBot Waypoint File
pxp	Counter-Strike PODBot Experience File
pzl	Tibo Jigs@w Puzzle File

Table 7-11   Game *(continued)*

Extension	Description
qc	QuakeC Source Code File
qdp	MPQDraft Plugin File
qvm	Quake 3 Virtual Machine File
qwd	QuakeWorld Demo File
radq	Need for Madness Game Archive
rbj	XRK Compiled Redcode Object File
rbxl	ROBLOX Location File
rbxm	ROBLOX Model
rep	Grand Theft Auto Replay File or StarCraft Replay File
rfd	Emperor: Battle for Dune Data File
rfgs_pc	Red Faction: Guerilla Saved Game File
rfm	rFactor Modification File
rgp	RealArcade Game Package
rgss2a	RPG Maker VX RGSS Encrypted Archive
rgss3a	RPG Maker VX Ace RGSS Encrypted Archive
rgssad	RPG Maker VX RGSS Encrypted Archive
rim	BioWare Resource Image File
rkg	Mario Kart Wii Ghost Data File
rkp	Rockchip MP4 Player Game
rl	The 7th Guest Audio Data File
roq	Quake game engine video format
ros	BattleScribe Roster Editor File
rot	Homeworld 2 Graphics File
rp2	RetroPlatform Player Program Archive
rpl	Toribash Replay File or Special Force Replay

Table 7-11   Game *(continued)*

Extension	Description
rpyc	Ren'Py Compiled Script
rs2	RailSim2 Saved Layout File
rvdata	RPG Maker VX Data File
rvdata2	RPG Maker VX Ace Data File
rvproj	RPG Maker VX Project File
rvproj2	RPG Maker VX Ace Project File
rwd	Microsoft Flight Simulator Rewards File
rxdata	RMXP Data File
s10	Brasfoot Saved Game File
s2m	The Settlers 2 Map File or Stronghold 2 Map File
s2mh	StarCraft 2 Map Header File
s2z	Heroes of Newerth Game Data File
s4m	SWAT 4 Map File
s5x	Heritage of Kings: The Settlers Map File
sa1	Game Boy Emulator Save File
sab	Saber File
sad	Black & White Audio File
sami	Grand Theft Auto San Andres Mod Installer File
sc2archive	Blizzard StarCraft 2 Archive File
sc2assets	Blizzard StarCraft 2 Assets File
sc2bank	StarCraft 2 Bank File
sc2data	Blizzard StarCraft 2 Data File
sc2ma	StarCraft 2 Map Data File
sc2map	Blizzard StarCraft 2 Map File
sc2mod	Blizzard StarCraft 2 Modification File

Table 7-11   Game *(continued)*

Extension	Description
sc2replay	Blizzard StarCraft 2 Replay File
sc2save	Blizzard StarCraft 2 Saved Game
sc2scene	StarCraft 2 Cut Scene File
sc3	SimCity 3000 City File
sc4	SimCity 4 Saved File or RollerCoaster Tycoon Scenario File
sc4desc	SimCity 4 Description File
sc4lot	SimCity 4 Lot File
sc4model	Simcity 4 game plugin format
sc5	Chris Sawyer's Locomotion Scenario File
sc6	RollerCoaster Tycoon 2 Scenario File
scea	Aleph One Map File
scene	Antibody Level File
schematic	MCEdit Schematic File
sclvl	Scritter's Nest Data File
scn	OpenTTD Scenario File or Age of Mythology Scenario File or SimCity Scenario File
scn0	Wii Texture Animation File
sco	OMSI Scenery Object Configuration File
scs	SimCity Societies Saved Game File or Prism3D Game Data File
scx	Microsoft Game Scenario File or Game Scenario File
sdt	Grand Theft Auto 3 Audio File
sfar	Mass Effect 3 DLC File
sfb	PlayStation 3 Disc Data File
sg0	Humongous Entertainment Game Save File
sga	Relic Entertainment Game Archive

Table 7-11   Game *(continued)*

Extension	Description
sgaa	Aleph One Saved Game
sgb	Dawn of War Map File or Super Game Boy ROM File
sgpbprj	Baltie Project
sgr	SimCity 4 Graphics Rules File
sh2	Stronghold 2 Saved Game
shader	Quake 3 Engine Shader File
shpa	Aleph One Shape File
sii	18 Wheels of Steel: Haulin' Truck Definition File
sims2pack	Downloaded Sims 2 Package File
sims3	The Sims 3 Game Save File
sims3pack	The Sims 3 Package File
skein	Skein XML File
skse	Skyrim Script Extender Save File
sli	OMSI Spline Configuration File
slst	Game Data File
smc	Super Nintendo Game ROM
smo	Sumotori Dreams Arena File
smpd	Sc2gears Mouse Print Data File
smzip	StepMania Package
snda	Aleph One Sound File
soe	Star Wars: Shadows of the Empire Save File
solitairesave-ms	Microsoft Solitaire Saved Game
sounds	Quake 3 Engine Sound Definition File
sow	Descent ARJ Archive
sp2	Super Ball 2 Level File

Table 7-11   Game *(continued)*

Extension	Description
spidersolitairesave-ms	Microsoft Spider Solitaire Saved Game
sps	Quake 3 Engine Speaker Definition File or Sharkport PS2 Save File
srk	Sub Rosa Client File
srm	Super Nintendo ROM Save File
srt0	Wii Texture Animation File
ssfsav	Super Smash Flash Saved Game File
steamstart	Valve Steam Start File
sts	DuoS DSEMU Saved State File
stsg	SuperTux Saved Game
stwm	SuperTux World Map File
sv5	BigJig Saved Puzzle or Chris Sawyer's Locomotion Saved Game
sv6	RollerCoaster Tycoon 2 Saved Game
sve	Simutrans Saved Game or Fallout 2 Video Subtitle File or Carmageddon: TDR 2000 Saved Game
svs	Game Boy Advance Saved State File
svt	Torchlight Saved Game File
swv	Microsoft Sidewinder Game Voice Settings File
sww	Anno Saved Game
syb	Syberia Game Data File
system	Vega Strike Virtual System File
szs	GameCube Data File or Wii Game Data File
taf	ADRIFT Text Adventure File
tap	Tap Tap Revenge Tap File
tap	ZX Spectrum tape images without copy protection
tbm	Toribash Mod File

Table 7-11   Game *(continued)*

Extension	Description
td4	RollerCoaster Tycoon Track File
td6	RollerCoaster Tycoon Track Design File
tdb	Transcendence Game Data File
tex0	Wii Texture File
tfr	TIE Fighter Pilot File
tiger	Tomb Raider Game Data Archive
tim	The Incredible Machine Level
tja	Taikojiro Song Map File
tjc	Taikojiro Song Map Sequence File
tkr	Tinker Custom Level File
tlk	BioWare Aurora Engine Talk Table File
tor	Star Wars: The Old Republic Asset File
tp4	RollerCoaster Tycoon Track Picture File
ttarch	Telltale Games Archive
ttl	AGT Game Title File
ttm	Tower Toppler Mission File
tut	Children of the Nile Tutorial File
twt	Carmageddon 2 Data File
u64	Nintendo 64 data
uc	UnrealScript Class
ucl	Killing Floor System File
ucm	Crazy Machines Model File
udk	Unreal Engine Map File
ukx	Unreal Animation Package
ulx	Glulx Game File

Table 7-11   Game *(continued)*

Extension	Description
umd	Splinter Cell Blacklist Game Data File
umod	Unreal Tournament Module File
umx	Unreal Music Package
unity	Unity Scene File
unity3d	Unity Web Player File
unityproj	Unity 3D Project
unr	Unreal Level Map
updatr	iConomy Update File
upk	Unreal Engine 3 Package
uqm	The Ur-Quan Masters Game Data File
usa	Unreal Saved Game File
usx	Unreal Static Meshes
ut2	Unreal Tournament Map
ut2mod	Unreal Tournament 2003/2004 Module File
ut3	Unreal Tournament 3 Map File
ut4mod	Unreal Tournament 2004 Module
ut8	Ghost Master Language File
utc	Bioware Creature File
utw	Unity Whirld File
utx	Unreal Texture Package
uvx	Unreal Tournament 2003 Saved Game
uxx	Unreal Tournament Cache
v64	Nintendo 64 ROM Dump
vbf	City Interactive Game Data File
vcm	Vice City Mod Manager File

Table 7-11   Game *(continued)*

Extension	Description
veh	Vehicle File
vgi	Vista Game Explorer Editor Game File
vhv	Valve Source Lighting File
vmv	VisualBoyAdvance Recording or VirtuaNES Recording
vpk	Valve Pak
vvvvvv	VVVVVV Game Level File
vwp	Vehicle Weapon File
w3g	Warcraft 3 Replay File
w3m	Warcraft 3 Map File
w3n	Warcraft 3 Expansion Campaign File
w3x	Warcraft 3 Expansion Map FIle
w3z	Warcraft 3 Saved Game File
wa2	Wonderland Adventures Custom Adventure File
wad	Doom WAD File or Nintendo Wii Game Data File
wagame	Worms Armageddon Game Recording
wal	Quake 2 Texture File
wbfs	Wii Backup File System File
wbt	Toribash Help File
weap	Quake 3 Engine Weapon File
wgf	Widelands Game File
whirld	Unity Whirld Package
wl1	Wolfenstein 3D Data File
wl6	Wolfenstein 3D Data File
wmo	World of Warcraft World Map Object
wolfquest	WolfQuest Saved Game

Table 7-11   Game *(continued)*

Extension	Description
wop	Wonderland Object Preset
world	The Sims 3 Create a World Tool File or WorldPainter File
wotreplay	World of Tanks Replay File
wrpl	Widelands Saved Game File
wtd	Grand Theft Auto IV Textures File
wtf	World of Warcraft Text File
wx	Flight Simulator Weather File
wxn	Waixing Famicom Game ROM
wz	MapleStory Game Data File or Warzone 2100 Data File
xan	Worms Map File
xbe	Xbox Executable File
xbsav	Mass Effect 2 Xbox Saved Game
xen	Guitar Hero III Data File
xex	Xbox 360 Executable File
xmb	X-Wing Mission Briefing File or Age of Empires Game Data File
xnb	XNA Game Studio Binary Package
xom	Worms 3D Object File
xp2	XPilot NG
xp3	KiriKiri Package File
xp4	KiriKiri Package
xpk	WWE RAW Model File
xs	Age of Empires 3 Map AI Generator
xtl	Vietcong Data File
xvmconf	World of Tanks XVM Configuration File
y3a	Yu-Gi-Oh! ONLINE 3 Avatar File

Table 7-11   Game *(continued)*

Extension	Description
y3d	Yu-Gi-Oh! ONLINE 3 Deck File
ycm	Yugioh Card Maker File
ydc	Yu-Gi-Oh! Card Deck File
ydk	Yu-Gi-Oh! Deck File
ydr	Yu-Gi-Oh! Power of Chaos Replay File
ydt	Yu-Gi-Oh! Power of Chaos Data File
yfs	YSFLIGHT Mission File
z2	Z-machine Z-code File
z2f	Zoo Tycoon 2 Object File
z3	Z-machine Z-code File
z4	Z-machine Z-code File
z5	Z-machine Z-code File
z6	Z-machine Z-code File
z64	Nintendo 64 Game ROM
z7	Z-machine Z-code File
z8	Z-machine Z-code File
z80	ZX Spectrum snapshots of the emulator RAM
zad	Carmageddon Game Data File
zblorb	Z-machine Package Game File
zmap	Zombies Ate My Neighbors Map File
zoo	Zoo Tycoon Saved Game
zs0	ZSNES Slot 0 Saved State File
zs1	ZSNES Slot 1 Saved State File
zs2	ZSNES Slot 2 Saved State File
zs3	ZSNES Slot 3 Saved State File

Table 7-11   Game *(continued)*

Extension	Description
zs4	ZSNES Slot 4 Saved State File
zs5	ZSNES Slot 5 Saved State File
zs6	ZSNES Slot 6 Saved State File
zs7	ZSNES Slot 7 Saved State File
zs8	ZSNES Slot 8 Saved State File
zs9	ZSNES Slot 9 Saved State File
zsd	Dave Mirra Freestyle BMX Data File
zst	ZSNES Save File
ztd	Zoo Tycoon Data Archive
ztmp	Steam Compressed Game Resource File

File Extensions of type 'Images+Graphics'

Table 7-12   Images+Graphics

Extension	Description
2bp	Pocket PC Bitmap Image File
36	360desktop Panorama File
3d	Stereo CAD-3D Image File
3d2	Stereo CAD-3D 2.0 Image File
3d4	Stereo CAD-3D 2.0 Image File
3da	3D Assembly File
3dc	3DCrafter Scene File or 3DCT 3D Image
3df	3D Format
3dm	Rhino 3D Model
3dmf	QuickDraw 3D Metafile
3dmk	123D Make Project File

Table 7-12   Images+Graphics *(continued)*

Extension	Description
3don	Scrutinize 3D Mesh File
3dp	123D Catch Photo Scene Data File
3ds	3D Studio Scene
3dv	3D VRML World
3dw	3D World Studio File
3dx	Rhino 3D Model File
3dxml	Dassault Systemes 3D XML File
3fr	Hasselblad 3F RAW Image
411	Mavica Thumbnail Image
73i	TI-73 Screenshot File
8pbs	Adobe Photoshop Macintosh File
8xi	TI-83/84 Plus Picture File
a2c	Alice Object File
a3d	Alternativa Player 3D Export File
a8s	Anim8or Script
abf	Adobe Binary Screen Font File
abm	Photo Album
ac	AC3D Model (3D graphics)
ac5	ArtCut 5 Document
ac6	ArtCut 6 Document
accountpicture-ms	Windows 8 Account Picture File
acfm	Adobe Composite Font Metrics File
acorn	Acorn Image
adc	Scanstudio 16 Color Image
af2	Micrografx ABC FlowCharter 2 File

Table 7-12   Images+Graphics *(continued)*

Extension	Description
af3	Micrografx ABC FlowCharter 3/4 File
afm	Adobe Font Metrics File
afx	Auto FX Photo/Graphic Edges Image
agif	Active GIF Creator Project
agp	ArtGem Project File
ai	Adobe Illustrator File
aic	Advanced Image Coding File
ais	ACDSee Image Sequence File
albm	HP Photo Printing Software Album File
amf	Additive Manufacturing File Format (vector graphics)
amfm	Adobe Multiple Font Metrics File
an8	Anim8or File
anim	Unity Animation File or Maya Animation File or Antibody Animation File
animset	FaceFX Animation Set File
animset_ingame	FaceFX In-Game Animation Set File
anm	3D Animation File
aof	Artlantis Object File
aoi	Art of Illusion 3D Scene
apm	Aldus Placeable Metafile Image
apng	Animated Portable Network Graphic
apx	Ability Photopaint Studio Image
ari	ARRIRAW Image
arr	Amber Graphic File
artb	Artboard Document

Table 7-12   Images+Graphics *(continued)*

Extension	Description
artwork	ArtStudio Image
arw	ArtStudio Image or Sony Digital Camera Image
asat	Assemble SAT 3D Model File
ase	Adobe Swatch (raster image) or Autodesk ASCII Scene Export File
asw	ACDSee Slideshow Wizard File
asy	Asymptote Module
atl	Artlantis 3D Scene File
atm	Vue Atmospheres File
avatar	Google Talk Avatar File
avb	Microsoft Comic Chat Character
awd	Microsoft Fax Document or Artweaver Document
awg	Ability Draw Document
b3d	Blitz3D Entity Model File
bay	Casio RAW Image
bip	Character Studio Biped File
blend	Blender 3D Data File
blkrt	Block Artist Image File
block	Blender encrypted blend files (3D graphics)
blp	Blizzard Entertainment proprietary texture format (raster image)
blz	Compressed Bitmap Image
bmf	Binary Material File
bmp	Bitmap Image File
bmx	Siemens Mobile Animations File
bmz	Compressed Bitmap Image

Table 7-12   Images+Graphics *(continued)*

Extension	Description
br3	Bryce 3 Scene File
br4	Bryce 4 Scene File
br5	Bryce 5 Scene File
br6	Bryce 6 Scene File
br7	Bryce 7 Scene File
brk	Brooktrout Fax Document
brn	Cube Graphics File
brt	Bryce Textures File
bss	Resident Evil Background Images File
bti	Nintendo Texture File
bto	Bryce Tree File
bvh	Biovision Hierarchy Animation File
bw	Silicon Graphics Image
c3z	OpenQwaq 3D Model File
c4	JEDMICS Image File (US DoD system)
c4d	Cinema 4D Model File
cag	ClipArt Gallery Package
cal3d	Cal3D
cam	CASIO Digital Camera Picture File
can	Canon Navigator Fax Document
ccb	CopperCube 3D Scene
ccx	Corel Clipart File
cd5	Chasys Draw Image File
cdd	ConceptDraw PRO Document
cdg	Compact Disc Plus Graphics Image

Table 7-12   Images+Graphics *(continued)*

Extension	Description
cdlx	ConceptDraw PRO XML Library File
cdmm	ConceptDraw MINDMAP Document
cdmt	ConceptDraw MINDMAP Template
cdmtz	Compressed ConceptDraw MINDMAP Template
cdmz	Compressed ConceptDraw MINDMAP Document
cdr	CorelDRAW Image File
cds	ConceptDraw SlideShow
cdsx	ConceptDraw PRO XML SlideShow File
cdt	ConceptDraw PRO Template
cdtx	ConceptDraw PRO XML Template
cdx	CorelDRAW Compressed File or ConceptDraw PRO XML Document
ce	ComputerEyes Image
cfl	Compressed File Library (3D graphics)
cg	Cg Program
cg3	Cabri 3D Document
cga	Crytek Geometry Animation File
cgfx	CgFX Shader File
cgm	Computer Graphics Metafile
chr	CryENGINE Character File or 3ds Max Characters File or Borland Character Set File
chrparams	CryENGINE Character Parameters File
cil	Clip Gallery Packaged File
cimg	CImg Image File
cin	Kodak Cineon Bitmap File
cit	Intergraph Bitmap Image File

Table 7-12   Images+Graphics *(continued)*

Extension	Description
clarify	Clarify Document
cm2	Poser Camera Set File
cmod	Celestia Model
cmx	Corel Metafile Exchange Image File
cmz	Compressed Poser Camera Set File
colz	Adobe Collage File
compositefont	Windows Composite Font File
cor	CorelDRAW Drawing
core3d	Coreona 3D Coreona 3D Virtual File
cpbitmap	iOS Wallpaper Image
cpc	CPC Compressed Image File
cps	Corel Photo House File
cpt	Corel Photo-Paint Document
cr2	Poser Character Rigging File or Canon Raw Image File
crf	Cal3D Binary Materials File
crw	Canon Raw CIFF Image File
crz	Compressed Poser Character Rigging File
csm	Character Studio Marker File
csy	Canvas Symbol File
ct	Scitex Continuous Tone File
ctm	OpenCTM (3D graphics)
cut	Dr. Halo Bitmap Image File
cv5	Canvas 5 Drawing File
cvg	Calamus Vector Graphic File
cvi	Canvas Image File

Table 7-12   Images+Graphics *(continued)*

Extension	Description
cvs	Canvas 3 Drawing File
cvx	Canvas Drawing File
cwt	ClarisWorks Texture File
cxi	FMAT RAW Image
d3d	Game Maker 3D File
dae	Digital Asset Exchange File
daz	DAZ Studio 3D Scene
dbl	DAZ Brick Light File
dcs	Desktop Color Separation File
ddb	Device Dependent Bitmap
ddd	GLBasic 3D Data File
ddrw	ClarisDraw Drawing
dds	DirectDraw Surface
ded	Dr. Engrave Document
des	Corel Designer File
design	Microsoft Expression Design Drawing
dff	RenderWare Model File
dfont	Mac OS X Data Fork Font
dfs	BrainSuite Surface File
dgt	DST Thumbnail File
dhs	HyperSnap Drawing
dib	Device Independent Bitmap File
djv	DjVu Image
djvu	DjVu Image
dm3	DigitalMicrograph Image

Table 7-12 Images+Graphics *(continued)*

Extension	Description
dmi	BYOND Dream Maker Icon File
dng	Digital Negative Image File
dpm	DeepMesh (3D graphics)
dpp	DrawPlus Drawing File
dpx	Digital Picture Exchange File or DrawPlus Template
drawing	Artboard Drawing
drawit	DrawIt Drawing
drz	Draz Paint File
dsa	DAZ Studio 3+ Script
dse	DAZ Studio Encrypted Script
dsf	DAZ Studio Asset File or Designer File
dsi	DAZ Studio Layered Image Set or Double-Precision Spectral Image
dso	DAZ Studio Object File
dsv	DAZ Studio UV Mapping File
dt2	Windows Live Messenger Emoticon Image File
dtw	Desktop Wallpaper
duf	DAZ User File
dvl	Virtual Library File
e2d	2-dimensional vector graphics used by the editor which is included in JFire
e57	LIDAR Point Cloud Data File
ecw	Enhanced Compression Wavelet Image
egc	EximiousSoft GIF Creator Document
eip	Enhanced Image Package File
emf	Enhanced Windows Metafile

Table 7-12 Images+Graphics *(continued)*

Extension	Description
emz	Windows Compressed Enhanced Metafile
eot	Embedded OpenType Font
ep	Pencil Document
epp	Canon Easy-PhotoPrint Image File
eps	Encapsulated PostScript File
epsf	Encapsulated PostScript Format File
erf	Epson RAW File
etx	TeX Font Encoding File
euf	Private Character Editor File
exif	Exchangeable image file format (Exif) is a specification for the image file format used by digital cameras
exr	OpenEXR Image
ezdraw	EazyDraw Graphic
f3d	Fusion 3D Design
f3f	Crazy Machines Font File
fac	FACE Image File
face	FACE Graphic File
facefx	FaceFX Actor File
facefx_ingame	FaceFX In-Game Actor File
fal	Bitmap Graphic Header Information
fax	Fax Document
fbm	Fuzzy Bitmap Image
fbx	Autodesk FBX Interchange File
fc2	Poser Face Pose File
fcz	Compressed Poser Face Pose File

Table 7-12   Images+Graphics *(continued)*

Extension	Description
fff	Hasselblad RAW Image
ffil	Mac Font Suitcase
fg	FaceGen Project File
fh10	FreeHand 10 Drawing File
fh11	FreeHand 11 Drawing File
fh3	FreeHand 3 Drawing File
fh4	FreeHand 4 Drawing File
fh5	FreeHand 5 Drawing File
fh6	FreeHand 6 Drawing File
fh7	FreeHand 7 Drawing File
fh8	FreeHand 8 Drawing File
fh9	FreeHand 9 Drawing File
fhd	FreeHand Drawing File
fif	Fractal Image File
fig	3ds Max Figure File or Xfig Drawing
fmv	Frame Vector Metafile
fnc	Vue Functions File
fnt	Windows Font File
fon	Generic Font File
fond	PostScript Font: Mac OS Font Description resource
fot	Font Resource File
fpe	FPS Creator Entity File
fpf	IKEA Home Planner File
fpg	Fenix Graphics Collection File
fpj	CryENGINE Facial Editor Project File

Table 7-12   Images+Graphics *(continued)*

Extension	Description
fpos	Photo Pos Pro Image
fpx	FlashPix Bitmap Image File
fry	Fryrender Scene File
fsh	Fragment Shader File
fsq	CryENGINE Facial Editor Sequence File
ft10	FreeHand 10 Drawing Template
ft11	FreeHand 11 Drawing Template
ft7	FreeHand 7 Drawing Template
ft8	FreeHand 8 Template
ft9	FreeHand 9 Drawing Template
fx	Direct3D Effects File
fxa	OC3 Entertainment FaceFX Actor File
fxg	Flash XML Graphics File
fxs	MessiahStudio Scene File
g3	CCITT Group 3 Fax Image
gbr	GIMP Brush File
gcdp	Greeting Card Studio Design Project
gdr	Symbian OS Font File
gdraw	Google Drive Drawing
geo	VRML Geography File
gf	METAFONT Bitmap File
gfb	GIFBlast Compressed Image File
gfie	Greenfish Icon Editor Pro Graphic
ggr	GIMP Gradient File
gif	Graphical Interchange Format File

Table 7-12   Images+Graphics *(continued)*

Extension	Description
gih	GIMP Image Hose File
gim	PlayStation Portable Image File
gks	Graphics Kernel System File
glf	Space Engine Shader File
glox	Microsoft Office SmartArt Graphics Layout File
gls	Sothink SWF Easy Shape File
gmbck	Game Maker Background Image File
gmf	Leaderwerks Game Model File
gmmod	Game Maker 3D Model File
gmspr	Game Maker Sprite File
gmt	rFactor Model File
gp4	CCITT Group 4 Fax File
gpd	Graphic PhotoDefiner Image File
gpl	GIMP Palette using a textual representation of color names and RGB values
graffle	OmniGraffle Drawing
grn	Granny 3D File
gro	Graphic Object Bitmap
grob	Graphic Object Bitmap File
gry	Grayscale Image
gstencil	OmniGraffle Stencil
gtemplate	OmniGraffle Template
gxf	General CADD Pro Font File
hd2	Poser Hand Pose File
hdp	HD Photo File

Table 7-12 Images+Graphics *(continued)*

Extension	Description
hdrp	HDRtist Pro Document
hdz	Compressed Poser Hand Pose File
hf	HF Image
hgl	HP Graphics Language File
hip	Houdini Project File
hipnc	Houdini Apprentice File
hlsl	High Level Shader Language File
hpg	HPGL Plot File
hpgl	HP Graphics Language Plotter File
hpi	Hemera Photo Objects Image File
hpl	HP-GL Plotter File
hr	TRS-80 Image
hr2	Poser Hair File
hrf	Hitachi Raster Format File
hrz	Compressed Poser Hair File
hxn	Hexagon Model File
i3d	Houdini Image 3D File
ic1	Low Resolution Imagic Graphics File
ic2	Medium Resolution Imagic Graphics File
ic3	High Resolution Imagic Graphics File
icb	Targa ICB Bitmap Image
icc	Color profile conforming the specification of the ICC
icm	Color profile conforming the specification of the ICC
icn	Windows Icon File

Table 7-12   Images+Graphics *(continued)*

Extension	Description
icns	File format use for icons in Mac OS X. Contains bitmap images at multiple resolutions and bitdepths with alpha channel
ico	A file format used for icons in Microsoft Windows. Contains small bitmap images at multiple resolutions and sizes
icon	Icon Image File
icpr	IconUtils Project File
idea	Adobe Ideas Document
ifc	Industry Foundation Classes File
igm	Indigo Renderer Material File
igs	Indigo Renderer Scene File
igt	iGrafx Document Template
igx	iGrafx Document
iiq	Phase One RAW Image
ik	CryENGINE IK Animation File
ilbm	Interleaved Bitmap Image
imd	Microsoft VisioModeler File
imj	JFIF Bitmap Image
ink	Pantone Reference File or InkML Image or Pocket PC Handwritten Note
iphotoproject	iPhoto Print Project
ipick	iPick Football Image
ipx	IPIX Image
irrmesh	Irrlicht Static Mesh File
itc2	iTunes Cover Flow Data File 2
ithmb	iPod and iPhone Photo Thumbnails File
iv	Open Inventor Scene Graph File

Table 7-12   Images+Graphics *(continued)*

Extension	Description
ive	OpenSceneGraph Binary File
ivue	Live Picture IVUE Image
iwi	Infinity Ward Texture File
j	JPEG Image
j2c	JPEG 2000 Code Stream
j2k	JPEG 2000 Image
j3o	jMonkeyEngine 3D Scene
j6i	Ricoh Camera Image File
jas	Cheetah3D Model File or Paint Shop Pro Compressed Graphic
jb2	JBIG2 Image
jbf	Paint Shop Pro Browser Cache File
jbig	Joint Bi-level Image Group File
jbig2	JBIG2
jbmp	JAmes OS Bitmap Image
jbr	Paint Shop Pro Brushes File
jfi	JPEG File Interchange Image
jfif	JPEG File Interchange Format
jia	Digital Photo Navigator Album
jif	JPEG Image File
jiff	JPEG Image File Format
jng	JPEG Network Graphic
jp2	JPEG 2000 Core Image File
jpc	JPEG 2000 Code Stream File
jpe	JPEG Image
jpeg	JPEG Image

Table 7-12   Images+Graphics *(continued)*

Extension	Description
jpf	JPEG 2000 Image
jpg	JPEG Image
jpg2	JPEG 2000 Image
jps	Stereo JPEG Image
jpx	JPEG 2000 Image File
jtf	JPEG Tagged Interchange Format
jwl	Roxio Jewel Case File
jxr	JPEG XR Image
k25	Kodak K25 Image
kdi	KD Player Skin Image File
kdk	Kodak Proprietary Decimated TIFF File
kfm	Gamebryo 3D Model File
kfx	Kofax Image File
kic	Kodak Compressed Image File
kmc	Kinemac Animation File
kmcobj	Kinemac Sprite Object
kodak	Kodak Photo CD File
kpg	Kai's Power Goo Graphic
ktz	Kahootz Project File
lb	Lens Blur Project File
lbm	Deluxe Paint Bitmap Image
ldm	VolumeViz Multi-Resolution Volume File
ljp	Lossless JPEG Image
llm	Linden Lab Mesh File
lmk	Sothink Logo Maker Image

Table 7-12   Images+Graphics *(continued)*

Extension	Description
lnd	3D Landscape File
lp	Lightscape Preparation File
lps	Bryce Leaf Shape File
lrpreview	Adobe Photoshop Lightroom Preview File
lt2	Poser Light Set File
ltz	Compressed Poser Light Set File
lwfn	Adobe Type 1 Mac Font File
lwo	LightWave 3D Object File
lws	LightWave 3D Scene File
lxf	LEGO Digital Designer Model File
lxo	Luxology modo 3D Image
lzp	LazPaint Image
m3	Blizzard MDX3 Model File
m3d	3D Model File or DIALux 3D Object File
ma	Maya Project File
mac	MacPaint Image
maxc	3ds Max Container File
mbm	Multi Bitmap File or Kerbal Space Program Texture File
mc5	Poser 5 Material File
mc6	Poser Material Collection File
mcs	Mathcad Image
mcz	Compressed Poser Material File
md5anim	id Tech 4 Model Animation File
md5camera	id Tech 4 Model Camera File
md5mesh	id Tech 4 3D Mesh File

Table 7-12   Images+Graphics *(continued)*

Extension	Description
mdd	Point Oven Deformation Data File
mef	Mamiya RAW Image
mesh	3D Mesh Model or DirectX Mesh File
mgc	Microsoft Clip Organizer Media Catalog
mgcb	Equation Illustrator Project File
mgf	Materials and Geometry Format
mgmt	MindGenius 2-3 Template
mgmx	MindGenius XML Map File
mgs	MGCSoft Vector Shapes File
mgtx	MindGenius XML Template File
mic	Image Composer File
miff	ImageMagick's native file format
mip	Multiple Image Print File
mix	3ds Max Motion Mixer File or Microsoft Image Exchange File
mm3d	Misfit Model 3d
mmat	MindManager Map Template
mng	Multiple Network Graphic
mnm	Character Studio Marker Name File
mnr	AutoCAD Menu Resource File
mos	Leaf Camera RAW File
mot	LightWave Motion File
mp	Maya PLE Project File or LaTeX MetaPost File
mpf	Microsoft Media Package FIle
mpo	Multi Picture Object File
mqo	Metasequoia Document

Table 7-12 Images+Graphics *(continued)*

Extension	Description
mrb	Multiple Resolution Bitmap File
mrml	3D Slicer Scene Description File
mrw	Minolta Raw Image File
mrxs	MIRAX Virtual Slide File
ms3d	MilkShape 3D Model
msk	Paint Shop Pro Mask File
msp	Microsoft Paint Bitmap Image
mtl	OBJ Material File
mtx	MetaStream Scene File
mtz	Compressed MetaStream Scene File
mu	Kerbal Space Program Mesh File
mxm	Maxwell Material File
mxs	Maxwell Studio Scene File
myl	MyLogo Maker Image
n2	Nitrous Minecraft GLSL Shader File
n3d	Nuclear 3D File
ncr	NCR Image
nef	Nikon Electronic Format RAW Image
neo	NeoChrome Bitmap Image
nff	Neutral File Format
nftr	Nintendo DS Font Type File
nif	Gamebryo Model File
nitf	A U.S. Government standard commonly used in Intelligence systems (raster image)
nm	Space Engine Nebula Model File

Table 7-12 Images+Graphics *(continued)*

Extension	Description
nrw	Nikon Raw Image File
nsbta	Nintendo DS Texture Animation File
obp	Bryce Object File
obz	Compressed 3D Object File
oc3	openCanvas 3 Event File
oc4	openCanvas 4 Event File
oc5	openCanvas 5 Event File
oci	openCanvas Image
oct	Radiance Octree File
odg	OpenDocument Graphic File
odi	OpenDocument Image
off	Object File Format
ogex	Open Game Engine Exchange (OpenGEX) format (3D graphics)
ogf	S.T.A.L.K.E.R. Model File
ol	Valve Hammer Object Layout File
oplc	Nokia Operator Logo File
orf	Olympus RAW File
ota	OTA Bitmap Image
otb	Nokia Over The Air Bitmap Image
otf	OpenType Font
otg	OpenDocument Graphic Template
oti	OpenDocument Image Template
ovp	The Overlay Maker Package File
ovr	The Overlay Maker Overlay File
ozb	MU Online Image File

Table 7-12   Images+Graphics *(continued)*

Extension	Description
ozj	MU Online Image File
ozt	MU Online Image File
p21	Express STEP Data Model File
p2z	Compressed Poser Pose File
p3l	Adobe Photoshop Light Preset File
p3m	Adobe Photoshop Material Preset File
p3r	Adobe Photoshop Render Settings Preset File
pal	Dr. Halo Color Palette File
pano	Camera Panoramic Picture
pat	3D Patch File or Pattern File or CorelDRAW Pattern File or AutoCAD Pattern File
pbm	Portable Bitmap Image
pc1	Degas Elite Low Res Image File
pc2	Degas Elite Medium Res Image File
pcd	Kodak Photo CD Image File
pcf	PaintCAD Font
pcs	Microsoft Office ClipArt File
pct	Apple Macintosh PICT image
pcx	Paintbrush Bitmap Image File
pdd	Adobe PhotoDeluxe Image
pdn	Paint.NET Image File
pe4	PhotoImpact Image Archive or Photo Explorer Thumbnail Archive
pen	Logitech io2 Drawing
pfa	Printer Font ASCII File
pfb	Printer Font Binary File

Table 7-12   Images+Graphics *(continued)*

Extension	Description
pfd	Micrografx Optima! File
pfi	PhotoFiltre Studio Image
pfm	Printer Font Metrics File
pfr	Paint Shop Pro Picture Frame File or Portable Font Resource File
pfv	PhotoFiltre Studio Vectorial Path
pgf	Progressive Graphics File
pgm	Portable Gray Map Image
phy	3ds Max Physique File
pi1	Degas Low Resolution Image File
pi2	Portrait Innovations Photo or Degas Medium Resolution Image File
pi3	Degas High Resolution Image File
pi4	DEGAS Image
pi5	DEGAS Bitmap Image
pi6	DEGAS Bitmap Image File
pic	Generic Picture File or Houdini Raster Image or QuickTime PICT Image
picnc	Houdini 3D Compositing Image
pict	Picture File
pictclipping	Picture Clipping File
pigm	Packaged Indigo Renderer Material File
pigs	Packaged Indigo Renderer Scene File
pixadex	Pixadex Icon
pjpeg	Progressive JPEG Image
pjpg	Progressive JPEG Image

Table 7-12   Images+Graphics *(continued)*

Extension	Description
pk	Packed METAFONT File
pl0	3D Home Architect Foundation Floor Plan
pl2	3D Home Architect Second Level Floor Plan
ply	Polygon Model File
pm3	PageMaker 3 Document
pmg	Adobe Photoshop Photomerge Panoramic Composition File or PageMaker Group File
pmt	PageMaker Template File
png	Portable Network Graphic
pni	Popnoggin Image File
pnm	Portable Any Map Image
pns	PNG Stereo Image
pnt	MacPaint File
pntg	MacPaint Graphic File
pobj	Photo Pos Pro Vector Object File
pov	POV-Ray Raytracing Format or Prolab Object File
pp2	Poser Prop File
pp4	Picture Publisher Bitmap File
pp5	Picture Publisher 5 Image File
ppz	Compressed Poser Prop File
prefab	Unity Prefab File
prv	Vue Preview File
prw	Artlantis Shader Preview File
psa	Unreal Engine Skeletal Animation File or Photoshop Album file
psb	Photoshop Large Document Format

Table 7-12   Images+Graphics *(continued)*

Extension	Description
psd	Adobe Photoshop Document
psdx	Photoshop Touch Document
pse	Photoshop Elements Photo Project
psid	PostScript Image Data File
psk	Unreal Engine Skeletal Mesh File
psp	Paint Shop Pro Image File
pspbrush	Paint Shop Photo Pro Brush File
pspimage	PaintShop Pro Image
ptg	ArtRage Painting
pts	PTGui Project File
ptx	Paint Shop Pro Texture File or Pentax RAW Image File
pvd	Polygen3D Vector Descriptor
pwp	PhotoWorks Image File
pws	Print Workshop Image
px	Pixel Image File
pxd	Pixlr Layered Image
pxicon	CandyBar Icon
pxm	Pixelmator Image File
pxr	Pixar Image File
pz2	Poser Pose File
pz3	Poser Scene File
pza	PhotoSuite Album File
pzp	PhotoSuite Project File
pzs	PhotoSuite Slide Show File
pzz	Compressed Poser Scene File

Table 7-12   Images+Graphics *(continued)*

Extension	Description
qmg	Samsung Theme Graphics File
qti	QuickTime Image File
qtif	QuickTime Image File
raf	Fuji RAW Image File
ras	Sun Raster Graphic
raw	Raw Image Data File
ray	Rayshade Image
rcs	RandomControl Scene File
rcu	RealWorld Layered Cursor Image
rdl	MicroStation Redline File
rds	Ray Dream Studio Scene File
rgb	RGB Bitmap or Q0 Image File
rgf	LEGO MINDSTORMS EV3 Robot Graphics File
ric	NXT Image File
rif	Painter Raster Image File
riff	Painter Raster Image
rig	Antibody Model Rig File
rix	ColoRIX Image
rle	Run Length Encoded Bitmap
rli	RealWorld Graphics Layered Image
rpf	Rich Pixel Format File
rri	RealWorld Image
rsb	Red Storm Bitmap File
rsr	Poser Model Preview File
rvg	RVG X-ray Image

Table 7-12   Images+Graphics *(continued)*

Extension	Description
rw2	Panasonic RAW Image
rwl	Leica RAW Image
rwx	RenderWare Object (3D graphics)
s	Microsoft Train Simulator Shape File
s2mv	StarCraft 2 Map Preview File
sai	PaintTool SAI Image
sar	Saracen Paint Image
sbp	Sketchbook Express iCloud Image
scg	ColoRIX Image File
scp	ColoRIX Bitmap Graphic File
scu	ColoRIX Bitmap Image
scv	ScanVec CASmate Sign File
sda	StarOffice Drawing
sep	Separated Image File
sfc	Motic Microscope Image
sfera	Sfera 360? File
sfp	Soft Font Printer File
sfw	Seattle FilmWorks Image
sgi	Silicon Graphics Image File
sgn	Signet Bureau DRM File
sh3d	Sweet Home 3D Design File
sh3f	Sweet Home 3D Model Library
shg	Segmented Hyper-Graphic
shp	Shapes File
si	Softimage Image File

Table 7-12   Images+Graphics *(continued)*

Extension	Description
sia	Nevercenter Silo Object (3D graphics)
sk1	sK1 Vector Graphic File
sk2	ChemSketch Drawing
sketch	Sketch Drawing
skitch	Skitch Image
skl	Maya Skeleton File
skypeemoticonset	Skype Emoticon Set File
sld	AutoCAD Slide File
slddrt	SolidWorks Sheet File
sm	Space Engine 3D Mesh File
smes	Hawk's Dock configuration file
smf	Serif Metafile
snagitstamps	Snagit Stamp Archive
snagstyles	Snagit Style Archive
snf	Server Normal Format
sob	OpenOffice.org Impress Bimap Styles File
spa	MikuMikuDance Sphere Mapping File
sph	MikuMikuDance Sphere Mapping File
spiff	Still Picture Interchange File Format
spj	Microsoft ICE Panorama Project
spp	Serif PhotoPlus Picture File
sprite	Scratch Sprite File
spu	Spectrum 512 Image
sr	Sun Raster Image File
sr2	Sony RAW Image

Table 7-12   Images+Graphics *(continued)*

Extension	Description
srf	LightWave Surface File or Sony RAW Image
srw	Samsung RAW Image
ssk	SmartSketch 95 Document
stn	Genuine Fractals Image
sto	PRO100 3D Interior Design Project
suit	Macintosh Font Suitcase
sumo	Sumo Paint Image
sun	Sun Raster Graphic File
suniff	Sun TAAC Image
sup	Subtitle Bitmap File
sva	Manga Browser Comic File
svf	Simple Vector Format Graphic
svg	Scalable Vector Graphics File
svgz	Compressed SVG File
svm	StarView Metafile
sxd	StarOffice Drawing
t2b	CyBook Thumbnail Image
t65	PageMaker Template File
taac	Sun TAAC Image File
targa	Truevision TGA (Targa) image
tb0	Adobe Photoshop Thumbnail Cache File
tbn	XBMC Thumbnail Image
tddd	3D Data Description File
tfc	Unreal Engine 3 Texture File Cache
tfm	TeX Font Metric File

Table 7-12   Images+Graphics *(continued)*

Extension	Description
tg4	Tiled Group 4 Raster Image File
tga	Targa Graphic
tgo	Terragen Object File
thl	Total 3D Home Design File
thm	Video Thumbnail File or Thumbnail Image File
thumb	JAlbum Thumbnail File
tif	Tagged Image File or GeoTIFF Image
tiff	Tagged Image File Format
tjp	Tiled JPEG File
tlc	The Logo Creator File
tme	Bryce Time File
tmo	3DCG Animation and Pose File
tn	LG Phone Image
tn1	Tiny Low Resolution Image
tn2	Tiny Medium Resolution Image
tn3	Tiny High Resolution Image
tne	Manga Studio Tone File
tny	Atari Tiny Image
tpf	TexMod Package File
tpi	TrueVision Bitmap Image
tps	Bryce Tree Shape File or TexturePacker Sprite Sheet File
tri	FaceGen Polygonal Model File or Triangle Mesh File
trif	Tiled Raster Interchange Format
truck	Rigs of Rods Truck Definition File
ts1	VirtualBus Texture Description File

Table 7-12 Images+Graphics *(continued)*

Extension	Description
ttc	TrueType Font Collection
tte	Private Character Editor File
ttf	TrueType Font
tub	Paint Shop Pro Picture Tube
u	Subsampled Raw YUV Image
u3d	Universal 3D File
ufo	Ulead File Object
ufr	Ultra Fractal File
uga	Ulead GIF Animator File
ums	Rune 3D Mesh File
urt	Utah Raster Toolkit File
usertile-ms	Windows 8 User Tile File
v2d	Voucher design used by the voucher management included in JFire (vector graphics)
v3d	Visual3D.NET Data File
v3o	Emergency 3 and 4 Model File
vac	MikuMikuDance Accessory Settings File
vbr	GIMP Parametric Brush File
vda	Targa Bitmap Image File
vdw	Visio Web Drawing
vdx	Visio Drawing XML File
vfb	FontLab Studio Font File
vff	Sun TAAC Graphic File
vic	VICAR Image
viff	Visualization Image File Format

Table 7-12   Images+Graphics *(continued)*

Extension	Description
vimproj	Revizto visual information model format (3D graphics)
vlw	Processing Font File
vmd	Vocaloid Motion Data File
vml	Vector Markup Language File
vmo	Virtools Media Object File
vna	JVC JLIP Image
vnd	Vision numeric Drawing file used in TypeEdit; Gravostyle. (vector graphics)
vnf	Vision Numeric Font
vpe	Photoshop Vanishing Point Export File
vrimg	V-Ray Image File
vrl	VRML Virtual World
vrphoto	VR Photo Image
vsd	Visio Drawing File
vsdm	Visio Macro-Enabled Drawing
vsdx	Visio Drawing
vsh	Vertex Shader File
vso	Compiled Vertex Shader File
vss	Visio Stencil File
vssm	Visio Macro-Enabled Stencil File
vssx	Visio Stencil File
vst	Targa Bitmap Image or Visio Drawing Template
vstm	Visio Macro-Enabled Drawing Template
vstx	Visio Drawing Template
vsw	Visio Workspace File

Table 7-12 Images+Graphics *(continued)*

Extension	Description
vsx	Visio Stencil XML File
vtx	Visio Template XML File
vue	Vue Scene File
vvd	Vivid 3D Scanner Element File
w3d	Adobe Shockwave 3D File
wbc	Webshots Collection File
wbd	Webshots Picture File
wbm	Wireless Bitmap Image
wbmp	Wireless Bitmap Image File
wbz	Webshots Download Picture File
wdp	Windows Media Photo File
webp	WebP Image
wft	GTA 4 Car Model File
wi	Wavelet Image
wic	J Wavelet Image
wings	Wings3D
wmf	Windows Metafile
wmp	Windows Media Photo File
wmz	Compressed Windows Metafile
woff	Web Open Font Format File
wpg	WordPerfect Graphic File
wpi	Inkling Sketch Binary File
wrp	Geomagic 3D Wrap File
wrz	Compressed VRML World File
wvl	Wavelet Image

Table 7-12 Images+Graphics *(continued)*

Extension	Description
x	DirectX Model File
x3d	Xara3D Project
x3f	SIGMA X3F Camera RAW File
xaf	3ds Max XML Animation File or Cal3D XML Animation File
xbm	X11 Bitmap Graphic
xcf	GIMP Image File
xfn	Ventura Printer Font
xmind	XMind Workbook File
xmm	3ds Max XML Animation Map File
xmmap	MindManager XML Map File
xof	Reality Lab 3D Image File
xpr	Pro/ENGINEER Part Instance Accelerator File or Microsoft Expression Design Graphic
xrf	Cal3D XML Materials File
xsf	Cal3D XML Skeleton File
xsi	Softimage XSI 3D Image
xv0	Lattice XVL Structure File
xwd	X Windows Dump Image
yal	Arts & Letters Clipart Library
yaodl	PowerFlip 3D Image File
ydl	PowerFlip YAODL 3D Image File
ysp	BYOB Sprite File
ytf	Google Picasa Font Cache
yuv	YUV Encoded Image File
z3d	ZModeler 3D File

Table 7-12 Images+Graphics *(continued)*

Extension	Description
zgm	Zenographics Image File
zif	Zooming Image Format File
zt	Mental Ray Image Depth File

File Extensions of type 'Presentation'

Table 7-13 Presentation

Extension	Description
dps	Kingsoft Presentation File
gslides	Google Drive Presentation
key	Apple Keynote Presentation
keynote	Apple Keynote Presentation
odp	OpenDocument Presentation
otp	OpenDocument Presentation template
pez	Prezi Desktop Presentation
pot	Microsoft PowerPoint template
pps	Microsoft PowerPoint Show
ppt	Microsoft PowerPoint Presentation
pptx	Office Open XML Presentation
prz	Lotus Freelance Graphics
sdd	StarOffice's StarImpress Presentation
shf	ThinkFree Show
show	Haansoft (Hancom) Presentation software document
shw	Corel Presentations slide show creation
slp	Logix-4D Manager Show Control Project
sspss	SongShow Plus Slide Show

Table 7-13 Presentation *(continued)*

Extension	Description
sti	OpenOffice.org XML (obsolete) Presentation template
sxi	StarOffice Impress Presentation or OpenOffice.org XML Presentation (obsolete)
thmx	Microsoft PowerPoint theme template
watch	Dataton Watchout Presentation

File Extensions of type 'Scientific'

Table 7-14 Scientific

Extension	Description
ab1	Chromatogram files usedIn DNA sequencing by instruments from Applied Biosystems
acq	AcqKnowledge File Format for Windows/PC from Biopac Systems Inc., Goleta, CA, USA
bam	Binary compressed SAM format
bcf	Binary compressed VCF format
bci2000	The BCI2000 project, Albany, NY, USA
bed	The browser extensible display format is used for describing genes and other features of DNA sequences
bkr	The EEG data format developed at the University of Technology Graz, Austria
brik	AFNI biomedical imaging meta-data
bufr	WMO format for weather observation data
cbf	Common Biometric Format. Based upon CBEFF 2.0 (Common Biometric Exchange Formats Framework)
cbfx	XML Common Biometric Format. Based upon XCBF 1.1 (OASIS XML Common Biometric Format)
ccp4	X-ray crystallography voxels (electron density)

Table 7-14   Scientific *(continued)*

Extension	Description
cfwb	Chart Data File Format from ADInstruments Pty Ltd, Bella Vista NSW, Australia
cgns	CFD General Notation System
cml	Chemical Markup Language
dcm	Digital Imaging and Communications in Medicine (DICOM)
dicom	Waveform An extension of Dicom for storing waveform data
dx	Joint Committee on Atomic and Molecular Physical Data (JCAMP)
eas3	Binary file format for structured data
ebf	Extended Biometric Format. Based on CBF but with S/MIME encryption support and semantic extensions
ebfx	XML Extended Biometric Format. Cased on CBFX but with W3C XML Encryption support and semantic extensions
ecgml	A markup language for electrocardiogram data acquisition and analysis
edf	European Data Format for biomedical signals
edf+	European Data Format for biomedical signals
embl	The flatfile format used by the EMBL to represent database records for nucleotide and peptide sequences from EMBL databases
fasta	The FASTA file format for sequence data. Sometimes also given as FNA or FAA (Fasta Nucleic Acid or Fasta Amino Acid)
fastq	The FASTQ file format for sequence data with quality. Sometimes also given as QUAL
fef	File Exchange Format for Vital signs; CEN TS 14271
fits	Flexible Image Transport System. Standard data format for astronomy
fmf	Full-Metadata Format
g6	ASCII encoding of Adjacency matrices

Table 7-14   Scientific *(continued)*

Extension	Description
gcproj	The Genome Compiler project. Advanced file format for genetic data to be designed, shared and visualized
gdf	The General Data Format for biomedical signals
genbank	The flatfile format used by the NCBI to represent database records for nucleotide and peptide sequences from the GenBank and RefSeq databases
gff	The General feature format is used for describing genes and other features of DNA, RNA and protein sequences
gii	Neuroimaging Informatics Technology Initiative (NIfTI) single-file (combined data and meta-data) style; NIfTI offspring for brain surface data
gms	Gesture And Motion Signal format
grib	Grid In Binary. WMO format for weather model data
gtf	The Gene transfer format is used to hold information about gene structure
h4	Hierarchical Data Format
h5	Hierarchical Data Format
hb	Harwell-Boeing sparse matrix format
hdf	Hierarchical Data Format
head	AFNI biomedical imaging meta-data
hit	HITRAN spectroscopic data with one optical/infrared transition per line in the ASCII file (.hit)
hl7	Health Level 7 (HL7). A framework for exchange, integration, sharing and retrieval of electronic health information
hl7aecg	Health Level 7 v3 annotated ECG
irock	intelliRock Sensor Data File Format
jdx	Joint Committee on Atomic and Molecular Physical Data (JCAMP)
mfer	Medical waveform Format Encoding Rules

Table 7-14   Scientific *(continued)*

Extension	Description
mgh	Massachusetts General Hospital imaging format used by the FreeSurfer brain analysis package (uncompressed)
mgz	Massachusetts General Hospital imaging format used by the FreeSurfer brain analysis package (compressed)
mml	MathML: Mathematical Markup Language
mnc	Medical Imaging NetCDF (MINC) format previously based on NetCDF. Based on HDF5 since version 2.0
mol	Chemical table file
mrc	Voxels in cryo-electron microscopy
netcdf	Network common data format
nexus	The Nexus file encodes mixed information about genetic sequence data in a block structured format
nii	Neuroimaging Informatics Technology Initiative (NIfTI) single-file (combined data and meta-data) style
nwk	The Newick tree format is a way of representing graph-theoretical trees with edge lengths using parentheses and commas and usefil to hold phylogenetic trees
odf	OpenDocument Math Formula
openxdf	Open Exchange Data Format from Neurotronics, Inc. Gainesville, FL, USA
phd	Phred output from the basecalling software Phred
pp	UK Met Office format for weather model data
s6	ASCII encoding of Adjacency matrices
sbml	The Systems Biology Markup Language is used to store biochemical network computational models
scp-ecg	Standard Communication Protocol for Computer assisted electrocardiography EN1064:2007
sdxf	Structured Data Exchange Format
seg y	Reflection seismology data format

Table 7-14   Scientific *(continued)*

Extension	Description
sff	Standard Flowgram Format
sigif	A digital SIGnal Interchange Format with application in neurophysiology
silo	Visualization format developed at Lawrence Livermore National Laboratory
stockholm	The Stockholm format for representing multiple sequence alignments
swiss-prot	The flatfile format used to represent database records for protein sequences from the Swiss-Prot database
sxm	OpenOffice.org XML (obsolete) Math Formula
wfdb	Format of Physiobank
xdf	eXtensible Data Format
xdt	A family of data exchange formats for medical records

File Extensions of type 'Security'

Table 7-15   Security

Extension	Description
aep	Advanced Encryption Package Encrypted File
aes	AES Crypt Encrypted File
afp	FileProtector Encrypted File
axx	AxCrypt Encrypted File
azf	AirZip FileSECURE File
azs	AirZip FileSECURE File
b2a	Btoa Encoded File
bfa	Blowfish Encrypted File
bhx	BinHex Encoded File

Table 7-15 Security *(continued)*

Extension	Description
bpk	Nero SecurDisc Public Key File
bsk	Nero SecurDisc Private Key File
btoa	Binary-to-ASCII Encoded File
bup	McAfee Quarantined File
bvd	Bitdefender Vault File
ccf	CryptLoad Container File
cef	CenturionMail Encrypted Package
cgp	PixelCryptor Encrypted File
chml	Chameleon Encrypted Database File
cng	CryptoNG Encrypted Archive
cpio	Unix CPIO Archive
crypt	WhatsApp Encrypted Dastabase File
crypt5	WhatsApp Encrypted Database File
crypt6	WhatsApp Encrypted Database File
crypt7	WhatsApp Encrypted Database File
crypted	WinOptimizer Encrypted File
cryptra	Cryptra Encrypted File
dc4	ViaThinkSoft (De)Coder 4 File
dcd	DisCryptor Encrypted Database
dco	Safetica Free Encrypted Virtual Disk Archive
der	Distinguished Encoding Rules. Stores certificates
dim	DIME File
dime	Direct Internet Message Encapsulation File
dlc	Download Link Container File
e4a	Encrypt4all Archive

Table 7-15 Security *(continued)*

Extension	Description
eea	An encrypted CAB for protecting email attachments
efl	Encryptafile Encrypted File
efr	Encryptafile Private Key File
efu	Encryptafile Public Key File
emc	Striata Reader Encrypted Document
enx	Max PC Safe Encrypted File
esf	Password Manager Container File
fpenc	FileProtect Encrypted File
gfe	Glarysoft Encrypted File
gxk	Galaxkey Secured File
hbx	BinHex Encoded File
hid	KeepSafe File
hid2	KeepSafe File
hqx	BinHex 4.0 Encoded File
htpasswd	Apache HTACCESS File
jac	JaStaCry Encrypted File
jcrypt	JCRYPT File
kdb	KeePass 1 encrypted password database
kdbx	KeePass 2 encrypted password database
kde	KryptoStorage Container File
klq	Kaspersky Anti-Virus quarantine file
lastlogin	Minecraft User Credential File
lcn	License File
lvivt	Lvivtotoro Encrypted Game File
mcrp	MobyExplorer Encrypted File

Table 7-15   Security *(continued)*

Extension	Description
meo	MEO Encrypted Archive
mfs	MetFS Encrypted File System
mft	Kaspersky File Table
mim	Multi-Purpose Internet Mail Message File
mime	Multi-Purpose Internet Mail Extension
mjd	Adobe Acrobat MIME Encoded Job Definition File
mme	Multi-Purpose Internet Mail
p12	RSA PKCS#12. Stores public certificates and private keys
p7b	RSA PKCS#7 SignedData. Commonly appears without main data. Just certificates or certificate revocation lists (CRLs)
p7c	RSAPKCS#7 SignedData. Commonly appears without main data. Just certificates or certificate revocation lists (CRLs)
pdc	Lizard Safeguard Secure PDF File
pem	Privacy-enhanced Electronic Mail: full format not widely used but can store Distinguished Encoding Rules in Base64 format
pfx	RSA PKCS#12. Stores public certificates and private keys
pgp	PGP Security Key
pkey	PowerKey Encrypted File
ppk	PuTTY private key. Secure Shell private key in the file format generated by PuTTYgen instead of the format used by OpenSSH
psw6	Password Depot 6 File
rdi	Rohos Disk Image File
rsdf	RapidShare Download File
rzx	File Crypt Encrypted File
safe	SIGLock Encrypted File
scb	Scrambls Encrypted File
sdo	Signed Document

Table 7-15   Security *(continued)*

Extension	Description
sdoc	Sealed Word Document
sec	PGP Secret Key Ring
sef	Encryptafile Signature File or Password Manager Container File
sgz	SigzaLock Encrypted File
shy	ShyFile Encrypted File
sme	SmartEncryptor Encrypted File
snk	Strong Name Key File
spd	Sealed Acrobat Document
spdf	Sealed PDF File
ssh	OpenSSH private key. Secure Shell private key format generated by ssh-keygen or converted from PPK with PuTTYgen
suf	Ccrypt Encrypted File
switch	Switch Package
tc	Virtual encrypted disk container created by TrueCrypt
uea	Protector Suite QL Encrypted Archive
uu	Uuencoded File
uud	UUDecoded File
uue	Uuencoded File
vdata	Vaulty Vault File
vlt	WinVault File Archive
wpe	WordPerfect Entrust Document
xdb	Symantec Virus Database File
xxe	XXEncoded File
yenc	yEnc File
ync	yEnc Encoded File

Table 7-15 Security *(continued)*

Extension	Description
zps	Zebra Portable Safe File

File Extensions of type 'Spreadsheet'

Table 7-16 Spreadsheet

Extension	Description
123	Lotus 1-2-3 Spreadsheet
ab2	Abykus worksheet
ab3	Abykus workbook
ast	Ability Spreadsheet Template
bks	Microsoft Works Spreadsheet Backup File
cell	Haansoft(Hancom) SpreadSheet software document
clf	ThinkFree Calc
csv	ASCII text as comma-separated values. Used in spreadsheets and database management systems
dex	Excel Spreadsheet
dfg	Data Flask Grid File
dis	Oracle Discoverer Workbook
edx	Edraw XML FIle
edxz	Edraw Compressed XML FIle
ess	EasySpreadsheet Spreadsheet
fcs	First Choice Spreadsheet
fods	OpenDocument Flat XML Spreadsheet
fp	FileMaker Pro Spreadsheet
gnm	Gnumeric Spreadsheet
gnumeric	Gnumeric Spreadsheet

Table 7-16   Spreadsheet *(continued)*

Extension	Description
gsheet	Google Drive Spreadsheet
imp	Improv Spreadsheet
ncss	NCSS Dataset File
nmbtemplate	Numbers Spreadsheet Template
numbers	Numbers Spreadsheet File
numbers-tef	Numbers iCloud Document
ods	OpenDocument Spreadsheet
ots	OpenDocument Spreadsheet Template
pmv	PlanMaker Spreadsheet Template
qpw	Quattro Pro Spreadsheet
sdc	Apache OpenOffice Calc Spreadsheet
stc	StarOffice Calc Spreadsheet Template
sxc	StarOffice Calc Spreadsheet
tab	Tab delimited columns. Also TSV (Tab-Separated Values)
tmv	TimeMap Visual
tmvt	TimeMap Template
uos	Uniform Office Spreadsheet
vc	Visicalc
wk1	Lotus 1-2-3 up to version 2.01
wk3	Lotus 1-2-3 version 3.0
wk4	Lotus 1-2-3 version 4.0
wki	Lotus 2 Worksheet
wks	Works Spreadsheet or Lotus 1-2-3 Spreadsheet
wku	Lotus 1-2-3 Spreadsheet
wq1	Quattro Pro for DOS Spreadsheet File

Table 7-16 Spreadsheet *(continued)*

Extension	Description
wq2	Quattro Pro for DOS Spreadsheet File
xar	Excel Auto-Recovery File
xl	Excel Spreadsheet
xlk	Microsoft Excel worksheet backup
xlr	Works Spreadsheet
xls	Excel Spreadsheet
xlsb	Excel Binary Spreadsheet
xlshtml	Microsoft Excel HTML Spreadsheet
xlsm	Excel Open XML Macro-Enabled Spreadsheet
xlsmhtml	Microsoft Excel MIME HTML Spreadsheet
xlsx	Microsoft Excel Open XML Spreadsheet
xlt	Microsoft Excel worksheet template
xlthtml	Microsoft Excel HTML Spreadsheet Template
xltm	Excel Open XML Macro-Enabled Spreadsheet Template
xltx	Excel Open XML Spreadsheet Template
xlw	Microsoft Excel worksheet workspace (version 4.0)

File Extensions of type 'System'

Table 7-17 System

Extension	Description
0xe	F-Secure Renamed Virus File
256	Descent 2 Color Palette File
2fs	Puppy Linux Save State File
386	Windows Virtual Device Driver
3fs	Puppy Linux Save State File

Table 7-17   System *(continued)*

Extension	Description
73k	TI-73 Application
73u	TI-73 Explorer Operating System File
89k	TI-89 Application
8ba	Photoshop Plug-in
8bc	Photoshop 5.0 Plug-in
8be	PhotoDeluxe Plug-in
8bi	Photoshop Plug-in
8bi8	Photoshop Plug-in
8bl	Photoshop Plug-in
8bs	Photoshop 5.0 Selection Plug-in
8bx	PhotoDeluxe Plug-in
8by	PhotoDeluxe Plug-in
8li	Photoshop Scripting Plug-in
8st	8start Launcher File
8xu	TI-83 and TI-84 Plus Operating System File
a2theme	Aston 2 Theme File
a6p	Authorware 6 Program
a7d	Authorware 7 Model
a7l	Authorware 7 Library
a7p	Authorware 7 Project
a7r	Authorware 7 Runtime File
aaui	Acrobat User Interface File
aba	Avant Browser Add-on File
abs	TurboZIP Auto Compress Script or Avant Browser Skin File
acb	Adobe Photoshop Color Book File or AutoCAD Color Book File

Table 7-17 System *(continued)*

Extension	Description
acbl	Adobe Color Book Legacy File
accda	Access Add-in File
accdu	Access Add-in File
acf	Adobe Photoshop Custom Filter File
aco	Adobe Photoshop Color Swatch File
acrobatsecuritysettings	Adobe Acrobat Security Settings File
acrodata	Acrobat Data File
acroplugin	Adobe Acrobat Plug-in
acs2	AIMP Skin File
acs3	AIMP Skin File
act	Adobe Color Table File
action	Automator Action
actm	AutoCAD Action Macro File
acv	Photoshop Curves File
acw	Windows Accessibility Wizard File
addon	CFS Console Add-on File
adml	Group Policy Language-Specific Administrative Template
admx	Group Policy Administrative Template File
ado	Adobe Photoshop Duotone Options File
adpp	Adobe Device Profile Package
agmodule	Photoshop Lightroom Module
agtemplate	Adobe Photoshop Lightroom Template
ahk	AutoHotkey Script
ahl	eMule Metadata File
ahs	Adobe Halftone Screen File

Table 7-17 System *(continued)*

Extension	Description
ahu	Adobe Photoshop HSL File
aia	Adobe Illustrator Action File
aip	Illustrator Plug-in
air	Adobe AIR Installation Package
ait	Adobe Illustrator Template
aiu	Advanced Installer Updates Configuration File
alias	Mac OS alias
all	Java RMI Policy File
alp	Ableton Live Pack File
alv	Adobe Photoshop Levels File
amp	Adobe Photoshop Curves Map File
ams	Adobe Monitor Setup file
amxx	AMX Mod X Plugin File
ani	Windows Animated Cursor
ann	Help Annotations
antispam5	Personal AntiSpam Settings File
aois	CFS Console Add-on Installer Settings File
aom	After Effects Output Module
aos	ARCHOS PCtablet Firmware File
apd	Eclipse Plugin Descriptor File
ape	AVS Plugin Effects File
api	Acrobat Plug-in or Adobe Photoshop Inks File
apk	Android Package File
aplg	Audials Plug-in
aplp	Audials Plug-in Package

Table 7-17   System *(continued)*

Extension	Description
application	ClickOnce Deployment Manifest File
appref-ms	Microsoft Application Reference File
arg	AutoCAD Profile
arl	AOL Organizer File
arp	Advanced RAR Password Recovery Setup
arpack	ArtRage Package
ars	After Effects Render Settings File
arscript	ArtRage Script
arx	AutoCAD Runtime Extension File
asb	Alphacam Stone VB Macro File
asec	Android Secure Application File
asef	Adobe Swatch Exchange File
asl	Photoshop Style
asv	Adobe Photoshop Selective Color File
aswcs	Avast! Compressed Skin File
asws	Avast! Skin File
atahd	ATA Hard Drive Flag File
atc	AutoCAD Tool Catalog File
atf	Photoshop Transfer Function File
ath	Alienware AlienFX Theme File
atn	Photoshop Actions File
automaticdestinations-ms	Windows Jump List File
aux	LaTeX Auxiliary File
ave	Avid User File

Table 7-17 System *(continued)*

Extension	Description
avs	AVS Preset File or Avid Project Preferences File or Adobe Photoshop Variations File
avx	ArcView Extension File or Avid Plugin File
awcav	ActiveWorlds Custom Avatar File
aws	AutoCAD Work Space File
ax	DirectShow Filter
axp	CDBurnerXP Audio Compilation File
azw2	Kindle Active Content App File
ba_	Renamed BAT File
bash_history	Bash History File
bash_profile	Bash Interactive Login Shell File
bashrc	Bash Non-Interactive Login Shell File
bau	Apache OpenOffice AutoText File
bav	AVG Anti-Virus The Bat! Plugin File
bblm	BBEdit Language Module
bcd	Windows Boot Configuration Data File
bcmx	Business Contact Manager Customization
bcs	Batch Compiler Specification File or Boland Calibration Settings File
beam	Compiled Erlang File
bgi	BgInfo Configuration File
bio	BIOS File
bitpim	BitPim Configuration File
bk1	Windows Indexing Service File
bk2	Windows Indexing Service Data File
bkz	BaKoMa TeX Installation Module

Table 7-17   System *(continued)*

Extension	Description
blob	Valve Steam Archive
blt	AIM Buddy List
blu	FileMaker Pro Runtime Extension
blw	Adobe Photoshop Black and White Presets File
bmi	3ds Max Plug-in
bmk	Help Bookmarks
bom	Bill of Materials File
boot	InstallShield Boot File
brg	ProjectWise User Settings File
brm	Bryce Plug-in File
brushvariant	Painter Brush Variant File
bs7	Windows 7 Boot Updater Skin
btsearch	BitTorrent Search Engine File
bud	Binary Printer Description File
bundle	Mac OS X Application Bundle
bxx	BS Contact Parameter File
c2r	Windows Media Center Click-To-Record File
c32	Syslinux COM32 Module
caction	Automator Converter Action
camp	WCS Color Appearance Model Profile File
case	SlipCover Case Template
cat	Windows Catalog File
ccip	Curse Client Install Package
cdmp	WCS Device Model Profile
celx	Celestia Script

Table 7-17 System *(continued)*

Extension	Description
cf	Sendmail Configuration File
cfg	Generic Configuration File or LightWave Configuration File or MAME Configuration File or Citrix Server Connection File or Celestia Configuration File or VMWare configuration file
cgz	Linux Drivers Archive
cha	Photoshop Channel Mixture
chg	Windows Net Logon File
chl	WinFast PVR2 Channel List
chs	Windows Chinese Noise-Word List File
cht	Windows Chinese Traditional Noise-Word List File
chx	AutoCAD Standards Check File
ci	Windows Content Indexer Catalog File
clb	COM+ Catalog File
cleo	CLEO Grand Theft Auto Mod File
clg	Windows Catalog File
cm	Cable Modem Configuration File
cmd	Windows Command File
cmmtheme	CleanMyMac Theme File
cnf	Generic configuration file, MySQL Configuration File or Telnet Configuration File
cnt	Help Contents File
codaplugin	Coda Plug-in
cof	MPLAB COFF File
colorpicker	Color Picker Plugin
colourscheme	Speedy Browser Colour Scheme File
command	Terminal Command File

Table 7-17   System *(continued)*

Extension	Description
component	Mac OS X System Component
conf	Unix Configuration File or Generic Configuration File
configprofile	Apple Configuration Profile
controls	OpenBVE Keyboard Shortcuts File
copreset	Capture One Preset File
cos	Capture One Settings File
costyle	Capture One Style File
cox	Click & Create Extension
cpg	ESRI Code Page File
cpi	Codepage Information File
cpl	Windows Control Panel Item
cpq	Compaq OEM Disc Configuration File
cpr	Windows Phone Display Settings File or Adobe Captivate Preferences File
cpx	Oracle ADF Binding Context File
crash	Mac OS X Crash Log File
crx	Chrome Extension
csaplan	SPSS Analysis Plan File
csf	Adobe Color Settings File
csh	C Shell Script
cskin	CD Art Display Skin File
csplan	SPSS Sampling Plan File
ctb	AutoCAD Color-Based Plot Style File
ctbodyfitting	CrazyTalk Animator Actor Fitting File
cui	Autodesk Custom Workspace File

Table 7-17   System *(continued)*

Extension	Description
cuix	AutoCAD Custom User Interface File
cur	Windows Cursor
cus	AutoCAD Custom Dictionary File
cva	HP Systems Software Manager Information File
cvt	Canvas External Tool File
cwf	CorelDRAW Workspace File
cyberducklicense	Cyberduck Donation Key
cyberduckprofile	Cyberduck Connection Profile
cyw	Rbot.CYW Worm File
dbb	Skype User Information File
dbg	FoxPro Debugger Configuration
dcst	Adobe InDesign Document Presets File
ddf	Diamond Directive File
desklink	Desktop Shortcut
deskthemepack	Windows 8 Desktop Theme Pack File
desktop	Desktop entry on Linux Desktop environments
dev	Windows Device Driver File
dfp	Fusion Plugin File
diagcab	Troubleshooting Pack Cabinet File
diagcfg	Troubleshooting Pack Configuration File
diagpkg	Troubleshooting Pack File
dicproof	Microsoft Dictionary Proofing File
diff	Text file differences created by the program diff and applied as updates by patch
dimax	DiMAX Firmware Image File

Table 7-17   System *(continued)*

Extension	Description
directory	KDE Folder View Properties File
dit	Active Directory Information Tree File
dld	EdLog Compiled Program
dlo	3ds Max Plug-in
dlr	finalRender Plugin
dlu	3ds Max Utility Plug-in File
dlx	Renamed DLL File
dmp	Windows Memory Dump
dolphinview	Dolphin Folder View Settings File
downloadhost	MSN Download Settings File
dpv	Siemens NX Drafting Standard File
drpm	Delta RPM File
drv	Device Driver
ds	TWAIN Data Source
ds_store	Mac OS X Folder Settings File
dsw	Visual C++ 6 Workspace File
duck	Cyberduck Bookmark
dun	Dial Up Network File
dvtcolortheme	Xcode Color Theme File
dvtplugin	Xcode DVT Plug-in
dxls	DashXL Skin Set File
dyc	Xerox Printer Driver Configuration File
e_e	Renamed EXE File
eaz	ArcGIS Explorer Add-in File
ebd	Windows EBD System File

Table 7-17 System *(continued)*

Extension	Description
ebm	EXTRA! Basic Macro
ebs	E-Run 1.x Script
ebs2	E-Run 2.0 Script File
ecf	SageCRM Component File or Outlook Add-in
edj	Enlightenment Theme File
efi	Extensible Firmware Interface File
efires	EFI Image File
eftx	Office 2007 Theme Effect File
eham	ExtraHAM Executable File
elm	Office Theme File
emerald	Emerald Theme
enp	EndNote Preferences File
ens	EndNote Style File
enz	EndNote Connection File
epk2	E-Prime 2.0 Package File
epr	Photoshop AME Preset File
eqf	Winamp Equalizer Preset File
eqp	MathType Preferences
es	SageCRM Script File
esh	Extended Shell Batch File
etff	Encrypt4all Theme File
eum	Enterprise User Monitor Configuration File
evt	Windows Event Viewer Log File
evtx	Windows 7 Event Log File

Table 7-17   System *(continued)*

Extension	Description
ex_	Compressed Executable File or Renamed Windows Executable File
ex4	MetaTrader Program File
example	Example Configuration File
exe1	Renamed EXE File
exe4j	Exe4j Configuration File
exopc	ExoPC Application
exportedui	Microsoft Office Exported UI Customization File
ext	Norton Commander Extension
exv	Adobe Extension Script
ezs	EZ-R Stats Batch Script
fan	Finale Font Annotation File
fas	Compiled Fast-Load AutoLISP File or QuickSilver Fast Save Lisp File
fat	Zinf Theme File
favoritemetadata	Transmit Favorites Data File
fbt	ABBYY FineReader Document Options File
fc	FirstClass Settings File
fcc	Forms Credential Collector File
fd	LaTeX Font Definition File
fdc	AutoCAD Field Catalog File
ffa	Find Fast Status File
ffl	Find Fast Document List
fft	Adobe Audition Noise Print File
ffx	Microsoft Find Fast Index or After Effects Preset File
fid	Microsoft Catalog Indexing Service File

Table 7-17   System *(continued)*

Extension	Description
fky	FoxPro Macro
flst	Adobe InDesign Flattener Presets File
fm3	Lotus 1-2-3 Spreadsheet Format File
fmod	Adobe Illustrator Flattening Module
fmp	AutoCAD Font Map File
fmplugin	FileMaker Plug-in
fmt	FoxPro Format File
fmx	FileMaker Plug-in
fota	Firmware Over-the-Air File
fpbf	Mac OS X Burn Folder
fpi	FPS Creator Intelligence Script
frames	xScope Frames File
frc	Mandelbrot Explorer Color Settings File
frr	Mandelbrot Explorer Fractal Region Settings File
frs	Flash Renamer Script
ft	Edgecam Feature Template
ftg	Full Text Group
ftpquota	Ftpquota File
fwt	FacetWin Configuration File
fxb	FX Bank File
fxp	FoxPro Compiled Program or FX Preset File or Adobe Flex Project File
fzip	Foxit Reader Add-on
fzp	Form?Z Plug-in
gadget	Windows Gadget

Table 7-17   System *(continued)*

Extension	Description
gcsx	Microsoft Office SmartArt Color File
gdiagramstyle	OmniGraffle Diagram Style File
gid	Windows Help Global Index File
gin	GEMS Engine Control Unit File
gmmp	WCS Gamut Map Model Profile
gpe	GP2X Video Game
gpu	GP2X Utility Program
gqsx	Microsoft Office SmartArt Styles File
grd	Photoshop Gradient File
grl	Windows Update Status File
group	Windows Contacts Group File
growlticket	Growl Notification File
grp	Windows Program Manager Group
gtkrc	GTK+ Theme File
gtp	GNOME Theme Package File
gvimrc	GVim Runtime Configuration File
gxt	Grand Theft Auto Text File
h1s	Windows Assistance Platform Help File
ham	HAM Executable File
hdmp	Windows Heap Dump
hdt	Photoshop HDR Toning Preset File
help	Unix help file
hhc	HTML Help Table of Contents
hhk	HTML Help Index
hiv	Windows Registry Hive File

Table 7-17 System *(continued)*

Extension	Description
hlp	Windows Help File
hme	Windows Mobile Theme File
hms	HostMonitor Script File
hpj	Help Project File
hsh	Windows Catalog Search Index File
ht	HyperTerminal Session File
htt	Hypertext Template File
hvpl	iTunes Visual Plug-in File
iaf	Outlook Internet Account File
ibplugin	Interface Builder Plug-in
ica	Citrix ICA File
icd	SafeDisc Encrypted Program or Installable Client Driver File
icl	Windows Icon Library File
iconpackage	IconPackager Theme File
icst	InCopy Document Preset File
icursorfx	iCursor Effect File
iddx	Static Default File
identifier	Windows Zone Identifier File
ideplugin	Xcode IDE Plug-in
idf	MIDI Instrument Definition File
idi	EVA Controller Event Log
idpp	Adobe InDesign Preflight Profile
idx	Index File
ifw	INTUS Firmware File
igr	Quest3D Channel Group Layout File

Table 7-17   System *(continued)*

Extension	Description
ihw	IN-HEH Timeline Workspace
iim	iMacro Macro File
iip	Install Creator Pro Project File or ThinAnywhere Configuration File
iit	Install Creator Project File
ikf	INTUS Keyboard File
ikmp	IK Multimedia Preset FIle
ime	Windows Input Method Editor File
img3	iPhone IMG3 File
immodules	GTK+ Module File
indesignplugin	Adobe InDesign Plug-in
inf_loc	Windows Driver Information Cache File
ini	Windows Initialization File or Gravis UltraSound Bank Setup File or Symbian OS Configuration File
inms	Adobe InDesign Menu Set File
internetconnect	Apple Internet Connect Document
ion	File Description File
ioplist	Mac OS X IOPLIST File
ipcc	iPhone Carrier Bundle
ipod	Rockbox Firmware File
iptheme	IconPackager Raw Theme File
iros	Adobe Save For Web Settings File
irs	Adobe Save For Web Settings
isp	IIS Internet Service Provider Settings
iss	Inno Setup Script or InstallShield Silent Response File
isu	InstallShield Uninstaller Script

Table 7-17   System *(continued)*

Extension	Description
itemdata-ms	Windows 8 Start Screen Item Data File
its	Internet Document Set
itt	IconTweaker Theme File
ius	InfoTMIC Firmware Update File
ix	dtSearch Index File
jdf	Adobe Acrobat Job Definition File
jkm	JAWS Key Map File
job	Windows Task Scheduler Job File
joy	CryENGINE Facial Editor Joystick File
jpn	Windows Japanese Noise-Word List File
jse	JScript Encoded File
jsx	ExtendScript Script File
jsxbin	Binary ExtendScript Script File
kbd	Keyboard Layout Script or 3ds Max Keyboard Shortcuts File
kds	KD Player Skin File
kext	Mac OS X Kernel Extension
kix	KiXtart Script File
kmm	K-Meleon Macro Module
ko	Linux Kernel Module File
kor	Windows Korean Noise-Words List File
ks	Kickstart File
ksf	KMPlayer Skin File
ksh	Unix Korn Shell Script
kyb	Keyboard Layout
kys	Adobe Photoshop Keyboard Shortcuts File

Table 7-17 System *(continued)*

Extension	Description
l4d	Cinema 4D Layout File
lang	Skype Language File
layout	Code::Blocks Workspace Layout File
lbu	Cloaked Affiliate Link Builder Settings File
lcc	Capture One Lens Cast Correction File
lfs	Samsung Phone params.lfs File
library-ms	Windows Library Description File
lightinglibrary	Painter Lighting Presets Library
lily	PCSX2 LilyPad Configuration File
lnk	Windows File Shortcut
lnst	Adobe InDesign Line Presets File
lo	Interleaf Compiled Lisp File
loaders	GTK+ Loaders File
log1	Windows Registry Hive Log File
log2	Windows Registry Hive Log 2 File
look	SpeedGrade Look File
lop	MasterCook Layout File
lpd	Lookout Protocol Driver File or LPD Daemon Print Permissions File
lrmodule	Photoshop Lightroom Module
lrplugin	Photoshop Lightroom Plug-in
lrsmcol	Photoshop Lightroom Smart Collection Settings File
lrtemplate	Adobe Photoshop Lightroom Template
lrwebengine	Photoshop Lightroom Web Gallery File
ls	LightWave LScript File

Table 7-17 System *(continued)*

Extension	Description
lva	Logitech Video Effects Avatar File
lvf	Logitech Video Effects File
lxcp	LCARS x32 Color Profile
lxsopt	Liquid XML Studio Project Options File
m2s	Maxthon 2 Browser Skin File
m3g	Mobile 3D Graphics Program
mal	MadAppLauncher Configuration File
mam	Microsoft Access Macro
manifest	Windows Application Manifest File
mapimail	Send To Mail Recipient
mask	SpeedGrade Color Mask File
material	Rigs of Rods Texture Reference File
mbr	Master Boot Record File
mcl	Windows Media Center Link File
mcr	3ds Max Macroscript File or Tecplot Macro
mdimporter	Metadata Importer
mdmp	Windows Minidump
mdp	Visual C++ 5 Workspace File
mel	Maya Embedded Language File
mem	Macro Editor Macro or Parallels Desktop Memory Dump File
metadata_never_index	Spotlight Never Index File
mfw	MobileFrame Workflow Pack File
mfx	Multimedia Fusion Extension
mgk	ImageMagick Configuration File
mgm	MGCSoft Equation Illustrator Macro

Table 7-17   System *(continued)*

Extension	Description
mgtheme	MacGourmet Theme File
mi4	Audio Player Firmware File
milk	MilkDrop Winamp Plugin Preset
mio	MioEngine Application File
mlc	Microsoft Language Interface Pack
mlk	MasterCook Look File
mll	Maya Plugin
mmdc	MediaMonkey Device Configuration File
mmip	MediaMonkey Installation Package
mns	AutoCAD Interface Settings File
mnu	AutoCAD Interface Layout File or Adobe Photoshop Menu Customization File or TomTom Menu File
mobileconfig	Apple Mobile Configuration File
mode	Coda Syntax Mode File
module	Drupal Module File
mof	Managed Object Format File
mox	Montax Imposer Template Document
mpdconf	Music Player Daemon File
mpw	Microsoft Project Workspace File
mrp	Mobile Application File
ms	Maxwell Script or 3ds Max Script File
msc	Microsoft Management Console Snap-in Control File
mskn	MediaMonkey Skin File
msm	Windows Installer Merge Module
msn	Host Blocking File

Table 7-17   System *(continued)*

Extension	Description
msstyle	Windows XP Unsigned Style
msstyles	Windows XP Style
mst	Corel Presentations Master Template File or Windows Installer Setup Transform File
msw	Painter Color Mixer Swatches File
mui_cccd5ae0	Hid User Library
mum	Windows Vista Update Package
mxaddon	Maxthon Add-On File
mxcs	Mandelbrot Explorer Color Scheme File
mxe	Macro Express Playable Macro
mxfr	Mandelbrot Explorer Fractal Region File
mxp	Adobe Extension Package
mxskin	Maxthon Skin File
mycolors	Stardock MyColors Theme File
mydocs	Send To My Documents
nb0	Device Boot Loader Image
nbh	ROM Update Utility Image File
nbm	NetBeans Module
ncfg	ArcGIS Explorer Configuration File
nd	QuickBooks Network Data File
ndc	Personal Communications Settings File
net	FileMaker Networking Module
networkconnect	Apple Network Connect Document
nexe	Chrome Native Client Executable
nfo	System Information File

Table 7-17   System *(continued)*

Extension	Description
nji	Nero Job Information File
nkp	Kontakt Presets File
nls	Microsoft National Language Support File
npfx	Norton Internet Security Firewall Settings File
nt	Windows NT Startup File
ntc	Camera Control Pro Custom Curves File
ntfs	NTFS Partition File
nts	Lotus Notes Traveler Server Config File
nvc	Nikon Vignette Correction File
nwv	Dragon NaturallySpeaking User Archive
ny	Audacity Nyquist Plug-in
obi	Outlook RSS Subscription File
obt	Openbox Theme File
oce	Open Catalog Extension Connection File
oem	OEM Setup File
oex	Opera Extension
officeui	Microsoft Office UI Customization File
oiv	OpenIV Mod Package File
olk14pref	Outlook Preferences File
onetoc2	Microsoft OneNote Table of Contents File
ops	Office Profile Settings File
opt	Options File
options	SE-SOFT Configuration File
opts	Linux Configuration Options File
ore	Ore Executable File

Table 7-17   System *(continued)*

Extension	Description
osax	AppleScript Scripting Addition
osdx	Search Connector Description File
oss	Microsoft Outlook Saved Search File
osx	PowerPC Executable File
otm	Outlook Macro File
otz	OpenLP Theme File
ovpn	OpenVPN Configuration File
oxt	Apache OpenOffice Extension
p2m	PhotoWorks Appearance File
p3e	Photoshop Repousse Settings File
paf	Portable Application File
panic	Kernel Panic File
papers	Painter Paper Texture File
pba	OpenOffice.org Basic Protected Module File
pc3	AutoCAD Plotter Configuration File
pck	System Center Configuration Manager Package File
pctl	Kaspersky Parental Control Settings File
pdadj	PhotoDirector Preset File
pdfs	Adobe PDF Presets File
pdlcp	PhotoDirector Lens Profile File
pdr	Windows Port Driver
perfmoncfg	Performance Monitor Configuration File
pfl	PhotoFiltre Plugin
phar	PHP Archive
phb	PhtotoBase Album File

Table 7-17   System *(continued)*

Extension	Description
pid	Creative Driver File
pie	GlovePIE Controller Script
pif	Program Information File
pio	Pro Tools I/O Settings File
pip	Office Personalized Settings File
pjs	TestComplete Project Suite File
pkg	Generic Package File or Symbian Package File or Mac OS X Installer Package
plist	Mac OS X Property List File
pln	Adobe InDesign Plug-in
plsc	Messenger Plus! Live Script File
plugin	Adobe Photoshop Plug-in or Mac OS X Plug-in
plx	Perl Executable File
pmc	Performance Monitor Counter File
pmj	Pegasus Mail Configuration File
pmp	AutoCAD Plot Model Parameter File
pol	Windows Policy File
ppa	PowerPoint Add-in
ppam	PowerPoint 2007 Add-In
ppd	PostScript Printer Description File
ppm	Post Programmable Memory File
ppmod	Papers Please Mod File
pra	Windows Media 9 Plug-in Profile File
pref	Preferences File or Macintosh Preferences File
prefpane	Mac OS X System Preference Pane

Table 7-17 System *(continued)*

Extension	Description
prf	Windows System File or Outlook Profile File or Director Preferences File or ClarisWorks Preference File or FileNet eForms Form Preferences File or QuarkXPress Preferences File
prfpset	Premiere Pro Effect Preset File
printerexport	Windows Printer Migration File
prm	Premiere Plug-in or Parameter File
pro5template	ProPresenter 5 Template
profile	Bash Shell Profile or Citrix Application Profile
profimail	ProfiMail Settings File
propdesc	Property Description
properties	Java Properties File
props	Visual Studio Project Property File
provisionprofile	Apple Provision Profile
prs	Batch & Print Pro Printer Settings File
prst	Adobe InDesign Printer Presets File
prt	Printer Driver File or Printer Output File or Crypt Edit Protected Text Format File
prx	Windows Media Profile File
ps1	Windows PowerShell Cmdlet File or Microsoft Indexing Service Data File
ps2	Microsoft Search Catalog Index File
pset	Adobe InDesign Plug-in Set File
psy	The Psychedelic Screen Saver Settings File
ptf	PSP Theme File
ptp	Pro Tools Preferences File
pwc	PictureTaker File
pwl	Windows Password List

Table 7-17 System *(continued)*

Extension	Description
pxb	Pixelmator Brush File
pxg	Pixelmator Gradient File
pxip	Pixelmator Image Preset
pxls	Pixelmator Style File
pxs	Pixelmator Shape File
q1q	LunarCell Photoshop Plug-in
q2d	Quick 3D Cover Design File
q2q	Flexify Photoshop Plug-in
q4q	Solar Cell Photoshop Plug-in
q5r	Melancholytron Photoshop Plug-in
q7q	India Ink Photoshop Plug-in
q8r	Flood Photoshop Plug-in
q9r	Glitterato Photoshop Plug-In
q9s	Mr. Contrast Photoshop Plug-In
qar	QlikView Extension
qat	Microsoft Office Quick Access Toolbar File
qit	QIT Trojan Horse File
qky	Quirky Kernel
qlgenerator	Quick Look Generator File
qpx	FoxPro Compiled Query Program or QuickTime Player Extension or Quattro Pro QuickColumn Settings File
qss	Qt Style Sheet
qtp	QuickTime Preferences File
qtr	QuickTime Extension Resource
qtx	QuickTime Extension

Table 7-17   System *(continued)*

Extension	Description
qvpp	QlikView Extension Properties Page File
qvt	QlikView Theme File
rad	Citrix Rapid Application Delivery File
raskinplace	Raskin Place Layout File
rbx	Rembo-C Compiled Script
rbz	SketchUp Plug-in
rc1	Samsung Mobile Device Firmware File
rcf	SonicWALL VPN Configuration File
rco	PlayStation Portable Resource File
rct	Visual Studio Resource Template
rdf	Resource Description Framework File
rdo	Xerox Rawster Document Object File
rdp	Remote Desktop Configuration File
reg	Registry File or Registration Information File
regtrans-ms	Microsoft Windows registry transaction log file
resmoncfg	Resource Monitor Configuration File
rez	Escape Velocity Plug-in File
rfq	RoboForm SearchCard File
rfu	Remote Firmware Update
rfw	Rockchip Firmware File
rgs	Registry Script
rhp	Rhino Plug-in
rll	Microsoft Resource Library
rms	Java Application Settings File
rmskin	Rainmeter Skin File

Table 7-17   System *(continued)*

Extension	Description
rmt	Router Firmware File
rnx	RealPlayer Settings File
rock	Rockbox Plug-in
rpb	Radmin Phonebook File
rpi	Render Plug-in
rpj	Real Pac Batch Job File
rpk	RadLight Media Player Skin
rplib	Axure RP Widget Library File
rps	3ds Max Render Preset Settings
rs	Windows Rating System File
ruf	Samsung DVD and Blu-ray Player Firmware File
ruleset	Visual Studio Code Analysis Rule Set File
run	Linux Executable File
rwplugin	RapidWeaver Plugin
rwstyle	RapidWeaver Style File
rxe	Lego Mindstorms NXT Executable Program
s2a	SEAL2 Application
s2ml	StarCraft 2 Map Localization File
s2qh	StarCraft 2 Localization Header File
s2ql	StarCraft 2 Unit Localization File
sa9	Hue and Cry Photoshop Plug-in
safariextz	Apple Safari Extension Package
savedsearch	Spotlight Saved Search
saver	Mac OS X Screen Saver
sbs	SPSS Script

Table 7-17   System *(continued)*

Extension	Description
sbv	YouTube Captions File
sbx	Adobe Illustrator Tsume File
scacfg	SuperCard Application Configuration File
scap	EFI Firmware File
scar	SCAR Script
scf	Windows Explorer Command
schemas	GConf Schema Definition File
sconf	Script Settings File
scpcfg	SuperCard Project Configuration File
scr	Script File or Windows Screensaver
script	Generic Script File
sct	Windows Scriptlet
searchconnector-ms	Windows Search Connector File
securitysettings	Alpha Five Security Settings File
seed	Linux Preseed File
seestyle	Coda Style Sheet File
seplugin	AppleScript Editor Plug-in
sequ	Adobe Acrobat Sequence File
set	Settings File or Document Library Property Set File
settingcontent-ms	Windows Settings File
settings	Visual Studio Settings File
sfcache	ReadyBoost Cache File
sfo	CuteFTP Search File
sgt	SPSS Chart Template
shb	Windows Document Shortcut

Table 7-17   System *(continued)*

Extension	Description
shd	Windows Print Job Shadow File
shh	Adobe Photoshop Shadow/Highlight Settings file
shsh	iPhone/iPod Touch SHSH Blob File
sif	Windows Setup Information File
skin	ASP.NET Skin File or InstallShield Skin File
skn	Symbian OS Skin File or Avant Browser Skin File
skypechatstyle	Chat Style File
sl	Software License File
slt	Mozilla User Profile Folder
smt	Samsung Theme File
snx	PISnoop Workspace File
so-abi	Cocoa AbiWord Plug-in
sparc	Skype Plugin Archive
spe	SPSS Extension
spf	SlingPlayer Favorites File
spfx	Squeeze Presets File
spl	Windows Print Spool File
spr	FoxPro Generated Screen File
sqd	Configuration Settings File
sqm	Service Quality Monitoring File
srs	Outlook Send/Receive Settings File
sscs	Saropa Smart Copy Script
ssis	ProReveal Settings File
ssl	Sunlight ScanLibrary File
ssl2	Sunlight ScanLibrary 2 File

Table 7-17   System *(continued)*

Extension	Description
sss	WindowBlinds Substyle File or Coda Style Sheet File
startupinfo	E-Prime 2.0 Startup Info File
stb	AutoCAD Plot Style Table File
ste	Dreamweaver Site Settings File
stfx	SampleTank 2 Effects Settings File
stip	SampleTank 2 User Preset Instrument
storyisttheme	Storyist Application Theme File
str	Windows Screensaver File
sublime-menu	Sublime Text Menu File
sublime-options	Sublime Text Options File
sublime-package	Sublime Text Package File
sublime-settings	Sublime Text Settings File
sublime-theme	Sublime Text Theme File
sugar	Espresso Plug-in
sw2	Softwrap License File
swp	Swap File
syn	TextPad Syntax File
sys	Windows System File or Motorola Driver File
sz	Winamp Classic Skin Download
t3x	TYPO3 Compressed Extension
tccfgextender	TestComplete Project Suite Settings File
tcls	TestComplete Configuration File
tdf	Title Definition Format File
tdz	Drobo Firmware File
terminal	Terminal Settings File

Table 7-17 System *(continued)*

Extension	Description
tgw	Terragen World File
tha	Windows Thai Noise-Words List File
the	Microsoft Plus! Theme File
theme	Microsoft Plus! Desktop Theme or Comodo Theme File or GTK Theme Index File
themepack	Windows 7 Theme Pack
tll	LG TV Link-Loader File
tlo	SPSS TableLooks File
tmbundle	TextMate Bundle File
tms	Telemate Script
tmtheme	TextMate Theme File
tpark	ThemePark Project File
tpl	Adobe Photoshop Tool Presets File or TatukGIS Editor Print Template File
trx_dll	Windows Startup File
tsi	Traktor Settings File
tsk	Pocket PC Skin
tsm	TwinCAT System Manager Configuration File
tsz	Trillian Skin File
tts	ToolBook Translation System File
twc	TTWin Configuration File
typeit4me	TypeIt4Me Clippings File
u3p	U3 Smart Application
uce	Windows UCE System File
uct	UC Browser Theme File
udcx	Universal Data Connection File

Table 7-17   System *(continued)*

Extension	Description
ugr	Apophysis Ultra Fractal Gradient File
uis	WindowBlinds User Interface Specification
upf	MicroStation User Preferences File
upx	Ultimate Packer for eXecutables File
user	Visual Studio Project User Options File
userprofile	Norton Antivirus User Profile File
utz	UIQ Theme Package
vbe	VBScript Encoded Script File
vbox	Oracle VM VirtualBox Settings File
vbox-extpack	Oracle VM VirtualBox Extension Pack
vbscript	Visual Basic Script
vbx6settings	VirusBarrier X6 Settings File
vcpref	Norton Antivirus Preferences File
vcw	eMbedded Visual C++ Workspace File
vegaswindowlayout	Sony Vegas Window Layout File
vexe	Virus Executable File
vga	VGA Display Driver
vgd	Generic CADD VGA Driver
vim	Vim Settings File
vimrc	Vim Runtime Configuration File
vlx	Compiled AutoLISP File
vmac	VMware Configuration File
vmba	VMware Configuration File
vmcx	Virtual Machine Shell Information File
vmpl	VMware Policy File

Table 7-17 System *(continued)*

Extension	Description
vmt	VMware Configuration File
vnc	VNC Configuration File
vni	Dell Webcam Central Application Configuration File
vph	VirtualPhotographer Custom Settings
vps	Virtual CD Copy Template
vqc	Virtual CD Quick Copy File
vsix	Visual Studio Extension
vsl	Visio Add-on
vsprops	Visual Studio Project Property File
vssettings	Visual Studio Settings File
vstpreset	VST Preset File
vx_	Compressed Virtual Device Driver File
vxd	Virtual Device Driver
vxp	Mobile Application File
wc	Valve Hammer Configuration File
wcx	RemoteApp and Desktop Connections Configuration File
wcz	Chameleon Clock Wallpaper File
wdf	Windows Driver Foundation File
webpnp	Web Point and Print File
wer	Windows Error Report
wfc	Windows Wireless Network Settings File
wgz	S60 Web Runtime Widget Package
widget	Microsoft Windows Mobile Widget or Yahoo! Widget
wiz	Microsoft Wizard File
wll	Microsoft Word Add-in

Table 7-17 System *(continued)*

Extension	Description
wms	Windows Media Skin
work	Bibble Work Queue File
workflow	Automator Workflow
workspace	Adobe Bridge Workspace File
wowsl	WOW Slider
wph	Phoenix BIOS File
wpk	WordPerfect Macro
wpm	WordPerfect Macro File
wpp	WordPerfect Color Palette
wpx	Printer Description File
ws	Windows Script
wsf	Windows Script File
wsh	Windows Script Host Settings
wzconfig	WinZip Configuration File
x32	Adobe Xtra File
x4k	XML4King Configuration File
x86	Linux Executable File
xadd	Expression Web Add-in
xap	Silverlight Application Package
xba	OpenOffice.org Basic Module File
xbap	XAML Browser Application File
xccolortheme	Xcode Color Theme File
xcodeplugin	Xcode Plug-in
xcplugin	Xcode Plug-in
xcscheme	Xcode Scheme File

Table 7-17   System *(continued)*

Extension	Description
xcu	OpenOffice.org Configuration File
xdr	XML-Data Reduced File
xep	eManager File Packaging Information
xes	eManager Skins Definition
xet	eManager Process Definition
xev	eManager Auto-Update File
xfb	Xserve RAID Firmware Binary File
xgs	XACT Global Settings File
xla	Excel Add-In File
xlam	Excel Open XML Macro-Enabled Add-In
xlb	Excel Toolbars File or OpenOffice.org Module Information File
xll	Excel Add-In File
xlm	Excel Macro
xlv	Excel Visual Basic Module
xmd	Bitdefender Plugin File
xnt	QuarkXPress Extension File
xpaddercontroller	Xpadder Controller Profile
xpt	Mozilla Firefox Component
xqt	SuperCalc Macro File
xrm-ms	Microsoft Security Certificate
xsiaddon	Softimage Add-on File
xst	WebSphere Query Template
xtp	AutoCAD Exported Tool Palettes File
xtreme	Winstep Xtreme Theme Pack
xui	Xbox 360 User Interface File

Table 7-17 System *(continued)*

Extension	Description
xur	Xbox 360 Binary User Interface File
xvm	VMware Console Configuration File
xwk	Crosstalk Communicator Keyboard Mapping File
xys	XYplorer Script File
zl9	ZoneAlarm Quarantined EXE File
zlb	Form?Z Symbol Library File
zon	OmniPage Zone Template File or Collection Building Custom Zone File
zpf	Form?Z Preferences File
zpi	PDF Converter Index File
zvt	Photoshop Zoomify Preset File
zxp	Extension Manager Package

File Extensions of type 'Temporary'

Table 7-18 Temporary

Extension	Description
---	Temporary file
!ut	uTorrent incomplete download file
###	Temporary file
#$#	ULead Photoimpact temporary file
$$$	Temporary file
$db	dBASE IV temporary file
$ed	Microsoft C++ editor temporary file
$vm	Windows 3.x Virtual Manager temporary file
(d)	pcAnywhere temporary file

Table 7-18   Temporary *(continued)*

Extension	Description
)2(	LHA archiver temporary file
???	Pegasus Mail temporary file
@@1	HiDownload temporary file
@@2	HiDownload temporary file
^fsf	Ghostscript file
_501	Apple MAC OS X file
~$~	3GP/iPod/PSP/MP4 Converter temporary file
~cr	Recovered image file
~nt	Microsoft Windows NT install files
0	Microsoft SharePoint Server 2007 temporary file
00a	Microsoft temporary file
2	Microsoft SharePoint Server 2007 temporary file
4sh	4shared temporary download file
4sw	4DOS swap file
a$v	QuarkXpress automatically saved project file
adadownload	Adobe Download Assistant partially completed download file
adblock	Alpha Five temporary file
adm	Portfolio admin-level access flag file
alt	Microsoft Dynamics AX temporary file
appdownload	Mac OS X App Store incomplete download file
as$	Microsoft Word temporary file
asab	Repo temporary output file
aso	Adobe Flash cache file
bde	Pro/ENGINEER temporary file
bdi	Pro/ENGINEER temporary file

Table 7-18   Temporary *(continued)*

Extension	Description
blf	Microsoft Windows registry file
bmb	Pro/ENGINEER temporary file
bmc	Microsoft Terminal Server Client bitmap cache file
bridgecache	Adobe Bridge cache file
bridgecachet	Adobe Bridge cache file
bsd	Microsoft SharePoint Server 2007 temporary file
bsi	Microsoft SharePoint Server 2007 temporary file
bt0	Band-in-a-Box temporary file
buf	Buffer file
bv	Corel WordPerfect overflow file
bv1	Corel WordPerfect overflow file
bv2	Corel WordPerfect overflow file
bv3	Corel WordPerfect overflow file
bv4	Corel WordPerfect overflow file
bv6	Corel WordPerfect overflow file
bv7	Corel WordPerfect overflow file
bv8	Corel WordPerfect overflow file
bv9	Corel WordPerfect overflow file
c1s	Photo cache file
cache	Cache file
cache-2	VLC media player font cache file
cache-3	VLC media player font cache file
cah	Ulead Photo Explorer thumbnail cache file
chk	Corel WordPerfect temporary file
chkn	IMVU Create Mode temporary file

Table 7-18   Temporary *(continued)*

Extension	Description
clp	Microsoft Windows clipboard file
cnv	Corel WordPerfect temporary file
compo	DAZ 3D Carrara Pro 7 or 8 temporary file
cos2	Pinnacle Studio cache file
crc	Pro/ENGINEER temporary file
crdownload	Google Chrome incomplete download file
csac	Web Research collection optimization temporary file
csd	Microsoft SharePoint Server 2007 temporary file
csi	Microsoft SharePoint Server 2007 temporary file
csstore	Apple Mac OS X cache file
cvr	Microsoft Office/Outlook crash report file
dap	Download Accelerator partial download file
db$	Clarion Modula-2 temporary debug info or dBASE temporary file
db3-journal	SQLite temporary database journal file
db-shm	SQLite temporary database file
db-wal	SQLite temporary database file
dca	Visual Basic active designer cache file
dem	Creator Simulator temporary file
dia	Microsoft SharePoint Server 2007 temporary file
dinfo	DivX Web Player temporary download file
dir	Microsoft SharePoint Server 2007 temporary file or Microsoft SharePoint Server 2007 temporary file
dir00	Disk defrag error or dump file
dmsk	DivX Web Player temporary download file
dov	Temporary file

Table 7-18   Temporary *(continued)*

Extension	Description
download	Mozilla or Safari partial download file
dtapart	DownThemAll download part file
dtf	IBM Domino server temporary file
dw3	DeathWatch WebCrawler file format
ebktml	eBook Pro encoded temporary file
escopy	ES File Explorer temporary file
ewc2	EDIUS WaveForm cache file
exd	Control Information Cache file
f2l	Chemtool temporary file
fb!	FlashGet incomplete download
fchc	Fetch cache file
fdpart	Fresh Download partial downloaded file
fes	3D Topicscape file format
filepart	WinSCP temporary download file
filetablelock	Eclipse lock file
fsf	Microsoft Office cache file
fts	Windows Help index file
fuse_hidden	Samba file
ger	Pro/ENGINEER temporary file
glh	Wise Installer temporary file
grbdropfile	GetRight file
h64	Audioless H.264 video file
hax	Temporary wave file
heu	Adobe Flash Player cache metadata file
hmap	Microsoft SharePoint Server 2007 temporary file

Table 7-18 Temporary *(continued)*

Extension	Description
hrd	MSC Patran device-dependent hardcopy file
id3tag	MP3 Skype Recorder temporary file
identcache	Delphi temporary cache
idlk	Adobe InDesign lock file
ilp	Gurobi Optimizer temporary file
imgcache	Image cache file
ims	Adobe Premiere Pro cache file
indexarrays	Mac OS X Spotlight file
indexcompactdirectory	Mac OS X Spotlight file
indexdirectory	Mac OS X Spotlight file
indexpositions	Mac OS X Spotlight file
indexpositiontable	Mac OS X Spotlight file
iniis	AsusSetup log file
init	WM Keeper CLASSIC temporary keys file
inprogress	Apple Mac OS X Time Machine temporary file
installstate	Installation file
ipe_tempfile	iPhone temporary file
ipl22	PLATO Learning network temporary file
ird	Microsoft Money temporary file
isl	InstallShield temporary installer file format
jnk	Junk temporary file
junk	Temporary file
laccdb	Microsoft Access 2007/2010 database lock file
lai	GNU Libtool temporary file
lck	Lock file

Table 7-18   Temporary *(continued)*

Extension	Description
lex	Microsoft SharePoint Server 2007 temporary file
little	Mozilla Firefox start-up cache file
localstorage-journal	Google Chrome rollback journal file
lock	Lock file
lockfile	Mac OS X Lion property list XML lock file
lrd	Microsoft Money lock file
m_p	Pro/ENGINEER temporary file
mbc	Mulberry e-mail client cache file
md0	Adobe Photoshop file browser metadata cache file
meb	Corel WordPerfect Macro Editor bottom overflow file
memb	Pro/ENGINEER temporary file
met	Corel WordPerfect Macro Editor top overflow file
mex	Corel WordPerfect Macro Editor expound file
moz	Netscape temporary cache file
msj	MicroSurvey CAD temporary file
mx1	coucoucircus.org audio temporary file
mxdl	Maxthon incomplete download file
nb2	Newsbin unfinished download
nc2	NewsLeecher cache file
ncch	Microsoft Interner Explorer for Mac cache file
nmu	EMC Documentum Client Library query cache file
nov	NI Battery cache file
npk	n-Track Studio peak file
objectcache	Cache file
oemigaccount	Outlook Express temporary file

Table 7-18   Temporary *(continued)*

Extension	Description
onecache	Microsoft OneNote cache file
onetmp	Microsoft OneNote temporary file
onlineresources	Online resources file
part	Partial download file
partial	Microsoft Internet Explorer 9 partial download file
peb	Corel WordPerfect program editor bottom overflow file
pet	Corel WordPerfect top overflow file
pft	Corel WordPerfect temporary file
phc	Pegasus Mail header cache file
pkc	Jython JAR cache file
pm$	Pegasus Mail temporary file
pnf	Microsoft Windows precompiled setup information file
preview7	WindowBlinds temporary file
prmdc	Adobe Premiere Pro metadata cache file
ptn2	PaperPort thumbnail cache file
pzx	Pizazz Plus swap file
qbi	QuickBooks image file
qbt	QuickBooks temporary rebuild file
qdat	Quicktime Installer Cache
qp1	QuickPar cache file
qp2	QuickPar cache file
rcv	Eudora temporary download file
rdn	OpenSSL Temporary file
reapeaks	REAPER scratch file
rld	Norton Commander temporary file

Table 7-18   Temporary *(continued)*

Extension	Description
rra	Windows Installer temporary file file
rsc_tmp	Temporary file
s2mi	Starcraft 2 cache file
save	Nano temporary saved file
scuf	Temporary file
shadowindexcompactdirectory	Mac OS X Spotlight file
shadowindexgroups	Mac OS X Spotlight file
shadowindextermids	Mac OS X Spotlight file
simpl_int	Temporary file
snapdoc	Ashampoo Snap file
sqlite3-journal	SQLite temporary file
sqlite-journal	Mozilla Firefox file
sss~	WindowBlinds temporary file
stf	Microsoft Exchange Server temporary file
svn-work	Subversion cache file
swd	Adobe Flash debug file
swn	Vim temporary file
swo	Vim temporary file
t$m	AVG Internet Security temporary file
t44	dBASE IV temporary file
tec	Samsung phones image file
temp	Temporary file
temporaryitems	Mac OS X temporary file
thumbdata	Google Android thumbnail database file
thumbdata5	Google Android thumbnail database file

Table 7-18   Temporary *(continued)*

Extension	Description
tic	TruKnox cache file
tmp	Generic temporary file
tmp-tmp	Temporary file
tmt	Temporary file
tof	Mr. Photo temporary thumbnail file
tombstone	Google Android tombstone file
tv1	Corel WordPerfect overflow file
tv2	Corel WordPerfect overflow file
tv3	Corel WordPerfect overflow file
tv4	Corel WordPerfect overflow file
tv5	file icontv5 Corel WordPerfect overflow file
tv6	Corel WordPerfect overflow file
tv7	Corel WordPerfect overflow file
tv8	Corel WordPerfect overflow file
tv9	Corel WordPerfect overflow file
u96	EasyZip temporary file
utpart	?Torrent unfinished download file
vaf	DVD2SVCD temporary file
vmdk-converttmp	VMware Fusion temporary file
vsscc	Microsoft Visual Studio temporary file
w44	dBASE temporary file
wa~	Microsoft Address Book file
waf	Microsoft Internet Explorer for Mac cache file
wcc	Wincam 2000 cache file
wov	Cakewalk SONAR Cache Clip

Table 7-18 Temporary *(continued)*

Extension	Description
wsb	Microsoft SharePoint Server 2007 temporary file
wtmp	Microsoft Word for Mac 5 temporary file
xcuserstate	Xcode file
xp	WindowBlinds temporary file
xp~	WindowBlinds temporary file
xps~	WindowBlinds temporary file
zn~	Zinio reader temporary file
zoner-index-cache	Zoner Photo Studio index cache file
zoner-rawdata-cache	Zoner Photo Studio raw data cache file
zsr	form-Z temporary save file

File Extensions of type 'Video'

Table 7-19 Video

Extension	Description
264	Ripped Video Data File
3g2	3GPP2 Multimedia File
3gp	3GPP Multimedia File
3gp2	3GPP Multimedia File
3gpp	3GPP Media File
3gpp2	3GPP2 Multimedia File
3mm	3D Movie Maker Movie Project
3p2	3GPP Multimedia File
60d	CCTV Video Clip
787	AVTECH CCTV Video File
89	Cavena Subtitles File

Table 7-19   Video *(continued)*

Extension	Description
aaf	Advanced Authoring Format File
aepx	After Effects XML Project
aet	After Effects Project Template
aetx	After Effects XML Project Template
ajp	CCTV Video File
ale	Avid Log Exchange File
amv	Anime Music Video File
amx	Adobe Motion Exchange File
aqt	AQTitle Subtitles File
arcut	Prelude Rough Cut File
arf	WebEx Advanced Recording File
asx	Microsoft ASF Redirector File
avchd	High Definition Video File
avd	Movie Edit Pro Video Information File
avi	Audio Video Interleave File
avv	Avid Volume Bin File
awlive	Active Webcam Video File
axm	AXMEDIS Object
bdm	AVHCD Information File
bdmv	Blu-ray Disc Movie Information File
bdt2	BEEDOCS Timeline 3D 2 Document
bdt3	BEEDOCS Timeline 3D 3 Document
bik	Bink Video File
bix	Kodicom Video File
bnp	Sony Camcorder Video Data File

Table 7-19   Video *(continued)*

Extension	Description
bs4	Mikogo Session Video Recording
bsf	Blu-ray AVC Video File
bu	Samsung CCTV Video File
bvr	Blue Iris Video
byu	Brigham Young University Movie File
camproj	Camtasia Studio Project
camrec	Camtasia Studio Screen Recording
camv	Camtasia Video File
ced	JVC Camera Video Data File
cine	Phantom Digital Video File
cip	Cavena Subtitles File
clpi	Blu-ray Clip Information File
cmmp	Camtasia MenuMaker Project
cmmtpl	Camtasia MenuMaker Template
cmproj	Camtasia Project File
cmrec	Camtasia Recording
cvc	cVideo
cx3	CMS Recorded Video File
d2v	DVD2AVI File
d3v	Datel Video File
dash	MPEG-DASH Video File
dav	DVR365 Video File
dce	DriveCam Video File
dck	Resolume Deck File
ddat	DivX Temporary Video File

Table 7-19 Video *(continued)*

Extension	Description
divx	DivX-Encoded Movie File
dmb	Digital Multimedia Broadcasting File
dmsd	Roxio MyDVD Project
dmsd3d	Roxio MyDVD 3D Project
dmsm	VideoWave Movie Project File
dmsm3d	VideoWave 3D Movie Project File
dmss	VideoWave SlideShow Project File
dmx	Source Filmmaker Project File
dnc	Windows Dancer File
dpa	DrawPlus Animation File
dpg	Nintendo DS Movie File
dream	Dream Animated Wallpaper File
dsh	MPEG DASH file
dv	Digital Video File
dv4	Bosch Security Systems CCTV Video File
dv-avi	Microsoft DV-AVI Video File
dvdmedia	RipIt DVD Package
dvr	Microsoft Recorded TV Show
dvr-ms	Microsoft Digital Video Recording
dvx	DivX Video File
dxr	Protected Macromedia Director Movie
dzm	DirectorZone Menu Template
dzp	DirectorZone Particle Effect File
dzt	DirectorZone Title File
edl	Edit Decision List File

Table 7-19 Video *(continued)*

Extension	Description
evo	HD DVD Video File
eye	Eyemail Video Recording File
ezt	EZTitles Subtitles File
f4f	Flash Video Fragment
f4p	Adobe Flash Protected Media File
f4v	Flash MP4 Video File
fbr	FlashBack Screen Recording or Mercury Screen Recording
fbz	FlashBack Screen Recorder Movie
fcp	Final Cut Project
fcproject	Final Cut Pro X Project File
flc	FLIC Animation
flh	FLIC Animation File
fli	FLIC Animation
flr	Scripts extracted from SWF by a free ActionScript decompiler named FLARE)
flv	Flash Video File
fpdx	Utilius Fairplay Project
ftc	FluxTime Clip File
gcs	Cineform Studio Video Project
gfp	GreenForce-Player Protected Media File
gifv	GIF Video File
gl	GRASP Animation
gom	GOM Media File
grasp	GRASP Animation
gts	CaptiveWorks PVR Video File

Table 7-19 Video *(continued)*

Extension	Description
gvi	Google Video File
gvp	Google Video Pointer
h264	H.264 Encoded Video File
hdmov	QuickTime HD Movie File
hdv	High Definition Video Format
hkm	Havok Movie File
ifo	DVD-Video Disc Information File
imovieproj	iMovie Project File
imovieproject	iMovie Project
infovid	Parrot AR Drone and Gyro Flyer Video
inp	Sony Camcorder Image Management File
ircp	SpeedGrade IRIDAS Composite File
irf	CCTV DVR H.264 Video File
ismc	Smooth Streaming Client Manifest File
ismclip	iStopMotion Animation Clip
ismv	IIS Smooth Streaming Video File
iva	Surveillance Video File
ivf	Indeo Video Format File
ivr	Internet Video Recording
ivs	Internet Streaming Video
izz	Isadora Media Control Project
izzy	Isadora Project
jmv	Jnes Movie File
jts	Cyberlink AVCHD Video File
jtv	J. River TV File

Table 7-19 Video *(continued)*

Extension	Description
k3g	3GP Mobile Phone Video File
kdenlive	Kdenlive Project File
kmv	Mobile DJ Video File
ktn	KTooN Animation Project File
lrec	Inter-Tel Web Conference Recording
lrv	Low Resolution Video File
lsf	Streaming Media Format
lsx	Streaming Media Shortcut
lvix	Lightworks Video Index File
m15	MPEG Video
m1pg	iFinish Video Clip
m1v	MPEG-1 Video File
m21	AXMEDIS MPEG-21 File or MPEG-21 File
m2a	MPEG-1 Layer 2 Audio File
m2p	MPEG-2 Program Stream File
m2t	HDV Video File
m2ts	Blu-ray BDAV Video File
m2v	MPEG-2 Video
m4e	MPEG-4 Video File
m4u	MPEG-4 Playlist
m4v	iTunes Video File
m75	MPEG Video
mani	Mine-imator Project File
meta	RealPlayer Metafile
mgv	PSP Video File

Table 7-19 Video *(continued)*

Extension	Description
mj2	Motion JPEG 2000 Video Clip
mjp	MJPEG Video File
mjpg	Motion JPEG Video File
mk3d	Matroska 3D Video File
mkv	Matroska Video File
mmv	MicroMV Video File
mnv	PlayStation Movie File
mob	MOBTV Video File
modd	Sony Video Analysis File
moff	Sony Video Analysis Index File
moi	MOI Video File
moov	Apple QuickTime Movie
mov	Apple QuickTime Movie
movie	QuickTime Movie File
mp21	MPEG-21 Multimedia File or AXMEDIS MPEG-21 Object
mp2v	MPEG-2 Video File
mp4	MPEG-4 Video File
mp4v	MPEG-4 Video
mpe	MPEG Movie File
mpeg	MPEG Movie
mpeg1	MPEG-1 Video File
mpeg4	MPEG-4 File
mpg	MPEG Video File
mpg2	MPEG-2 Video File
mpgindex	Adobe MPEG Index File

Table 7-19 Video *(continued)*

Extension	Description
mpl	AVCHD Playlist File or MPL2 Subtitles File
mpls	Blu-ray Movie Playlist File
mproj	Mine-imator Project
mpsub	MPlayer Subtitles File
mpv	MPEG Elementary Stream Video File
mpv2	MPEG-2 Video Stream
mqv	Sony Movie Format File
msdvd	Windows DVD Maker Project File
mse	MediaShow Slideshow Project File
msh	Visual Communicator Project File
mswmm	Windows Movie Maker Project
mts	AVCHD Video File
mtv	MTV Video Format File
mvb	Multimedia Viewer Book Source File
mvc	Movie Collector Catalog
mvd	Movie Edit Pro Movie File
mve	Infinity Engine Movie File
mvex	Muvee autoProducer 6 Project File
mvp	MoviePlus Project File or MAGIX Video Project File
mvy	Video easy Project File
mxf	Material Exchange Format File
mxv	MAGIX Video File
mys	Vineyard Captured Video File
ncor	Adobe Encore Project File
nsv	Nullsoft Streaming Video File

Table 7-19 Video *(continued)*

Extension	Description
nut	NUT Video File
nuv	NuppelVideo File
ogg	Multimedia container
ogm	Ogg Media File
ogv	Ogg Video File
ogx	Ogg Vorbis Multiplexed Media File
orv	Oracom Video File
osp	OpenShot Project File
otrkey	OnlineTvRecorder Encoded Video File
pds	PowerDirector Script File
pgi	Video Recording File
photoshow	Roxio PhotoShow Project
piv	Pivot Stickfigure Animation
playlist	CyberLink PowerDVD Playlist
plproj	Adobe Prelude Project File
ppj	Premiere 6 Project File
prel	Premiere Elements Project File
pro4dvd	ProPresenter DVD Clips Document
pro5dvd	ProPresenter DVD Clips Document
proqc	ProPresenter Quartz Composition
prproj	Premiere Pro Project
prtl	Premiere Pro Title File
psh	Photodex Slide Show
pssd	PhotoSuite Slide Show File
pva	PVA Video File

Table 7-19   Video *(continued)*

Extension	Description
pvr	Wintal PVR Video File
pxv	Pixbend Media File
qt	Apple QuickTime Movie
qtch	QuickTime Cache File
qtindex	Adobe QTIndex File
qtl	QuickTime Link File
qtm	Apple QuickTime Movie File
qtz	Quartz Composer File
r3d	REDCODE Video File
rcd	pcAnywhere Recorded Session File
rcproject	iMovie '08 Project
rm	Real Media File
rmd	RED Metadata File or RealPlayer Media File
rmp	RealPlayer Metadata Package File
rmv	The Simpsons Hit & Run Video File
rmvb	RealMedia Variable Bit Rate File
rp	RealPix Clip
rsx	RED Metadata XML File
rum	Bink Video Subtitle File
rv	Real Video File
rvid	Snapz Pro X Recorded Video File
screenflow	ScreenFlow Document
sdv	Studio DV Project File
sedprj	Slideshow Studio Elements Project
sfd	Sofdec Dreamcast Movie

Table 7-19 Video *(continued)*

Extension	Description
sfvidcap	Sonic Foundry Video Capture File
siv	Silicon Imaging Video File
smil	SMIL Presentation File
smk	Smacker Compressed Movie File
smv	VideoLink Mail Video File
snagproj	Snagit Project File
sol	Adobe Flash shared object (Flash cookie)
sqz	Squeeze Project File
srt	SubRip Subtitle File
ssm	Standard Streaming Metafile
stx	Pinnacle Studio Project File
svi	Samsung Video File
swf	Shockwave Flash Movie
swi	SWiSH Project File
swt	Flash Generator Template
tda3mt	DivX Author Template File
tdt	AVCHD Thumbnail File
tdx	D-TEG CCTV Video Information File
tid	AVCHD Thumbnail File
tivo	TiVo Video File
tix	DivX Video Download Activation File
tod	JVC Everio Video Capture File
tp	Beyond TV Transport Stream File
tp0	Mascom PVR Video File
tpr	TMPGEnc Project File

Table 7-19 Video *(continued)*

Extension	Description
trec	TechSmith Recording File
trp	HD Video Transport Stream
ts	Video Transport Stream File
tsp	Digital TV DVR Recording
ttxt	MPEG-4 Timed Text Subtitles File
tvlayer	BoinxTV TV Layer
tvrecording	BoinxTV TV recording
tvs	TeamViewer Video Session File
tvshow	BoinxTV TV Show
usf	Universal Subtitles Format File
usm	USM Game Video File
vbc	VodBurner Crude Video File
vc1	VC-1 Video File
vcpf	VideoConvert Project File
vcr	ATI Video Card Recording
vcv	ViewCave Video File
vdo	VDOLive Media File
vdr	VirtualDub Signpost File
veg	Vegas Video Project
veg-bak	Sony Vegas project file
vem	Meta Media Video E-Mail File
vep	AVS Video Editor Project File
vf	Vegas Movie Studio Project File
vft	VideoStudio Filter File
vfw	Video for Windows

Table 7-19 Video *(continued)*

Extension	Description
vfz	Creative Webcam Video Effects File
vid	Generic Video File
video	aTube Catcher Video File
viewlet	Qarbon Viewlet
viv	VivoActive Video File
vivo	VivoActive Video File
vix	Lightworks Video Index File
vlab	VisionLab Studio Project File
vob	DVD Video Object File
vp3	On2 Streaming Video File
vp6	TrueMotion VP6 Video File
vp7	TrueMotion VP7 Video File
vpj	VideoPad Video Editor Project File
vro	DVD Video Recording Format
vs4	AVTECH CCTV Video Surveillance File
vse	AVTECH CCTV Video
wcp	WinDVD Creator Project File
webm	WebM Video File
wlmp	Windows Live Movie Maker Project File
wm	Windows Media File
wmd	Windows Media Download Package
wmmp	Windows Movie Maker Project File
wmv	Windows Media Video File
wmx	Windows Media Redirector File
wot	WebEx Recording File

Table 7-19   Video *(continued)*

Extension	Description
wp3	Microsoft Photo Story Project File
wpl	Windows Media Player Playlist
wrap	MediaForge
wtv	Windows Recorded TV Show File
wvx	Windows Media Video Redirector
xej	Expression Encoder Job File
xel	Expression Encoder Live Encoding File
xesc	Expression Encoder Screen Capture File
xfl	Flash Movie Archive
xlmv	Xunlei Movie File
xmv	Xbox Media Video File
xvid	Xvid-Encoded Video File
y4m	YUV4MPEG2 Video File
yog	Outerra Captured Video File
zeg	ZeroG Subtitles File
zmv	ZSNES Movie File

File Extensions of type 'VirtualMachines'

Table 7-20   VirtualMachines

Extension	Description
cow	QEMU Copy-on-write
hdd	Parallels Workstation Virtual Machine hard disk
nvram	VMware Virtual Machine BIOS
pvm	Parallels Virtual Machine
pvs	Parallels Workstation Virtual Machine preferences/configuration

Table 7-20   VirtualMachines *(continued)*

Extension	Description
qcow2	QEMU copy-on-write; version 2
qed	QEMU enhanced disk format
sav	Parallels Workstation Virtual Machine saved state
std	VMware Virtual Machine suspended state
vdi	VirtualBox Virtual Disk Image
vfd	MS Virtual PC Virtual Floppy Disk
vhd	MS Virtual PC Virtual Hard Disk (.vhd)
vmc	MS Virtual PC Virtual Machine Configuration
vmdk	VMware Virtual Machine Disk
vmem	VMware Virtual Machine paging file
vmsd	VMware Virtual Machine snapshot metadata
vmss	VMware Virtual Machine suspended state
vmtm	VMware Virtual Machine team data
vmx	VMware Virtual Machine configuration
vmxf	VMware Virtual Machine team configuration
vsv	MS Virtual PC Virtual Machine Saved State
vud	MS Virtual PC Virtual Undo Disk (.vud)