

SAS/GRAPH[®] Web-enabled Graphs (Releases 8.0 and 8.1)

This readme file has information about the following:

- The documentation that is available for Releases 8.0 and 8.1 of the SAS/GRAPH Web-enabled graphs
- The Setup program for the SAS/GRAPH Control for ActiveX.

Note: The download packages for Releases 8.0 and 8.1 contain both the end-user help for the Web-enabled graphs and an image of the SAS/GRAPH Web Graphs Web site (<http://www.sas.com/rnd/webgraphs/>). This Web site describes how to generate the Web graphs. For Release 8.2, this information has been moved into the help for SAS/GRAPH, so the download packages for Release 8.2 does not include an image of the SAS/GRAPH Web Graphs Web site. To download the end-user help for Release 8.2, you need to download one of the webgraphs82 packages.

Documentation Packages

Each documentation package contains the complete documentation for SAS/GRAPH Software's Web-enabled graphs. The packages are provided in several compression formats for downloading to different platforms. The package for the PC platforms is in ZIP format, and the packages for the various UNIX platforms are in TAR format. Choose the appropriate package for your platform to install the documentation on a local machine or on a Web server for Intranet access. The documentation is written in HTML that complies with the 4.0 standard, and it provides information on generating and using the SAS/GRAPH Control for ActiveX, the SAS/GRAPH Applets for Java, and the SAS/GRAPH MetaViewApplet.

Note: Some of the links within the documentation link to locations on the SAS external web site. If you do not have access to the Internet while viewing your local copy of the documentation, those links will not work.

To install the documentation packages:

1. Select the package that you need. If you FTP or copy the documentation packages to a machine where you plan to unpack and install the packages, be sure to use the binary transfer mode.

You can install the documentation in a directory that is recognized by a Web server, which will allow other users access to the documentation. You can also install the documentation in a local directory for your use.

2. Unpack the documentation package:

- For the PC package, the documentation is in a self-extracting ZIP file named `webgraphs.exe`. You can run it the same way you run a program. For example, double-click on file `webgraphs.exe`.
- For the other packages, the documentation is in a compressed TAR file named `webgraph.tar.Z`. To unpack the file, first uncompress it (this removes the Z from the file name), and then use the TAR utility to extract the files from it. For example:

```
uncompress webgraph.tar.Z
tar -xvf webgraph.tar
```

3. To view the documentation, open `installation_directory/intro.htm` in any Web browser.

Note: The documentation includes end-user help for using each SAS/GRAPH Java applet and the ActiveX control. You can read this help without viewing any of the web graphs. This same help text is available from each web graph's **Help** menu. However, the **Help** menu points to text that is located on the SAS external web site, so if you do not have access to the SAS site when you view the control, then the link will not work. However, you can point the graph's **Help** menu to the local copy of the help. Instructions for doing so are included in the Web-graphs documentation.

Setup Program for the SAS/GRAPH Control for ActiveX

The SAS/GRAPH Control for ActiveX enables you to embed interactive graphs in web pages and OLE documents (in Microsoft Office products). When the graph is displayed, you can point-and-click to rotate, change, or further investigate the graph. The SAS/GRAPH Control for ActiveX supports the following graph types: Bar charts, Pie charts, Area plots, Box-and-Whisker plots, Bubble plots, Contour plots, High-Low plots, Line plots, Regression plots, Scatter plots, Standard Deviation plots, Surface plots, and Maps.

Installing the Control

The SAS/GRAPH Control for ActiveX must be installed on each Windows system that will view HTML output containing the control. It is automatically installed on your Windows system when you install SAS/GRAPH Software. In that case, no additional installation or configuration is required.

You can install the control on another Windows system by copying and executing the self-installing package (`sasgraph.exe`).

If you wish to allow automatic installation of this control via Web server downloads, copy the package (`sasgraph.exe`) to a directory served by your Web server. The directory corresponding to the URL `http://your_server/sasweb/graph` is recommended.

Using the Control

If you wish to publish SAS Output Delivery System (ODS) HTML output containing the SAS/GRAPH Control for ActiveX on a Web server, you must either install the control on each Windows system that may view the HTML, or you must make the control available for download from your Web server.

If you make the control available for download, you must specify the control location in the `CODEBASE` attribute of the ODS HTML statement. A typical ODS HTML statement might be:

```
GOPTIONS DEVICE=activex;  
  
ODS HTML FILE="/path/to/mygraph.html"  
  ATTRIBUTES= ("CODEBASE"="/sasweb/graph/sasgraph.exe") ;
```

If you are using the DS2GRAF Formatting Tool to generate HTML containing the ActiveX control, the `CODEBASE` argument of the DS2GRAF macro can be used to specify the location of the control.

Note: The `CODEBASE` attribute is a URL specifying the location of the control. It may be a full URL (for example, `http://your_server/sasweb/graph/sasgraph.exe`) or relative to your Web server (`/sasweb/graph/sasgraph.exe`). If you are publishing HTML only on Web servers where the control is installed in a common location, it is generally recommended that you use the shorter, relative URL. This will allow the HTML to be moved to any Web server without modifying the HTML (assuming the control is installed on that server). If you are creating HTML to be viewed directly by a *file*: URL, sent by e-mail, or copied to Web servers without the control installed, you should use a full URL to point to the `sasgraph.exe` file at a known location.

More Information

For more information on installing, generating, or using the SAS/GRAPH Control for ActiveX, install one of the documentation packages and see the information for the control.

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