

To Start Agilent VEE with Command-Line Options

Agilent VEE provides several command-line options that you can use to start VEE and VEE Pro RunTime. For example, you can specify a VEE program file to load when VEE starts. Also, you can choose to load and run a program in VEE Pro RunTime.

Command-line options are case-sensitive. For example, you cannot substitute `-R` for `-r`.

To start VEE and VEE Pro RunTime for Windows using the command-line options

1. Click on the Windows **Start** button, and then click on **Run...**
2. Type `vee` or `veerun`, followed by the desired option(s), and press Enter. The `veerun` command also requires a program file name after the option(s).

or

1. Open an MS-DOS window.
2. Type `start vee` or `start veerun`, followed by the desired option(s), and press Enter. The `veerun` command also requires a program file name after the option(s).

Scroll down through this topic for available options and examples.

Tip

If you put a shortcut for VEE on the desktop, you can modify the shortcut's properties to include command-line options.

To start VEE and VEE Pro RunTime for HP-UX using the command-line options

1. Go to the shell prompt in a window under HP VUE, or X11.
2. Type `veetest` or `veerun`, followed by the desired option(s), and press Return. The `veerun` command also requires a program file name after the option(s).

Scroll down through this topic for available options and examples.

Available Options

The following table shows the options available for each platform when using VEE or VEE Pro RunTime. A description of each option appears below the table.

Option	Windows		HP-UX	
	vee	veerun	veetest	veerun
<code>-d directory</code>	X	X	X	X
<code>-disallowclose</code>		X		X
<code>-display Xservername</code>			X	X
<code>-enablewarnings</code>		X		X
<code>filename</code>	X	X	X	X
<code>-geometry</code>	X	X	X	X
<code>-help</code>	X	X	X	X
<code>-iconic</code>	X	X	X	X

-install			X	X
-ioconfig		X		X
-maximize	X	X		
-name <i>ProgramName</i>			X	X
-noerrdisp	X		X	
-nologo	X		X	
-prefconfig		X		X
-r <i>filename</i>	X		X	
-secure <i>ProgramName</i>	X		X	
-stderr: <i>filename ProgramName</i>	X	X	X	X
-stdout: <i>filename ProgramName</i>	X	X	X	X
-veeio <i>path to filename</i>	X	X	X	X

Option Descriptions

-d *directory*

The -d option starts VEE and uses the related files, such as instrument drivers, located in the specified directory instead of the default VEE installation directory.

-disallowclose

Prevents the user from closing the VEE Pro RunTime window while a program is running.

-display *Xservername*

Specifies the X Windows display server to use instead of the default X display. Using this option you can have VEE execute on one workstation, but use the keyboard and display of another workstation. An example of this command is:

```
veetest -display myWorkstation:0.0
```

-enablewarnings

Enables the display of error and caution dialog boxes when loading a program into VEE Pro RunTime. Without this option, VEE Pro RunTime suppresses all normal error and caution dialogs during program loading. With normal error displays disabled, a failed load gives only a generic (less useful) message, such as: "File format is invalid." With -enablewarnings, you can see a more specific cause of the problem.

filename

This is optional for the `vee` command, and required for the `veerun` command. The `vee` command starts VEE and opens the VEE program specified by *filename* in the VEE work area. The `veerun` command starts VEE Pro RunTime and runs the VEE program specified by *filename*. For Windows, if *filename* contains spaces, then the entire file name, including the path, must include quotation marks.

-geometry *widthXheight* +/- *xoffset* +/- *yoffset*

or

-geometry +/- *xoffset* +/- *yoffset* (to use default window size)

Specifies an initial window geometry to be used instead of the default geometry. Geometry values are in pixels. Positive offset values position the top-left corner of the window relative to the top-left corner of the screen. Negative offset values position the bottom-right corner of the window relative to the bottom-right corner of the screen.

The offset +0+0 is the top-left corner of your screen.

Example: `-geometry 640X480+20+20` starts VEE in a window that is 640 pixels wide and 480 pixels high, that is placed 20 pixels to the right and 20 pixels down from the top-left corner of the screen.

`-help`

Shows the VEE command line options. (Not to be confused with the VEE online help system, which is launched from within VEE.)

`-iconic`

The `-iconic` option starts VEE as an icon instead of a window. Double-click on the icon to open it to a window.

`-install`

Installs a private X Windows color map.

`-ioconfig`

This option opens the `Instrument Manager` dialog box in the VEE Pro RunTime window allowing changes to the I/O configuration file `vee.io` (on Windows) or `.veeio` (on HP-UX). Do not include a program file name with this command; it is ignored.

`-maximize`

This option starts VEE in an enlarged window that fills the screen.

`-name ProgramName`

The `-name` option starts VEE and sets the X Window title to *ProgramName* instead of `VEE-ProgramName`. VEE uses *ProgramName* to specify the X11 resource search key instead of using `Vee` (the default application class) as the search key. Refer to the "Configuring VEE" section of the "Introduction" in *VEE Advanced Techniques* for further information.

`-noerrdisp`

This option can be used in conjunction with `-r`. If used with `-r`, and the specified program does not run due to an error, VEE exits immediately without displaying an error message.

`-nologo`

This option suppresses the startup information that appears before VEE starts running. On Windows, the startup information box does not appear. On HP-UX, the startup message does not appear in the terminal window.

`-prefconfig`

This option opens the `Default Preferences` dialog box in the VEE Pro RunTime window allowing changes to the default configuration. Do not include a program file name with this command; it is ignored.

`-r filename`

The `-r` option starts VEE and runs the VEE program specified by *filename*. When the program finishes running, VEE exits immediately. However, if an error occurs, an error message is displayed before VEE exits. If you do not specify a file name, VEE ignores the `-r` option. For Windows, if *filename* contains spaces, then the entire file name, including the path, must be quoted. Generally, the `veerun` command is better to use than the `-r` option.

`-secure ProgramName`

Creates a secured program using *ProgramName* as the source file. The following command creates the file `myProg.vxe` in the same directory as the source file:

```
vee -secure myProg
```

`-stderr:filename ProgramName`

Creates a standard error log file named *filename*, and logs error information generated by VEE (if errors occur) while loading and running *ProgramName*. You can include a directory path with *filename*.

`-stdout:filename ProgramName`

Creates a standard output file named *filename*, and logs information generated by VEE (if any occur) while loading and running *ProgramName*. You can include a directory path with *filename*.

`-veeio path to filename`

VEE lets you have multiple I/O configuration files (*vee.io* on Windows or *.veeio* on HP-UX). This option lets you specify the one you want to use when you start VEE.

Example: Starting VEE for Windows Using *filename*

To start Agilent VEE for Windows and automatically open the program *myprog.vee*:

1. Click on the Windows *Start* button, and then click on *Run...*
2. Type `vee myprog.vee` and press Enter. Surround file names with quotation marks if they contain spaces.

or

1. Open an MS-DOS window.
2. Type `start vee myprog.vee` and press Enter. Specify a path if the program is not in the current directory. Surround file names with quotation marks if they contain spaces.

Example: Starting VEE for HP-UX Using *filename*

To start Agilent VEE for HP-UX and automatically open the program *myprog*:

1. Go to the shell prompt in a window under HP VUE or X11.
2. Type `veetest myprog` and press Return.

Example: Starting VEE RunTime for Windows using `-disallowclose`

To run the program *myprog.vee* in VEE RunTime for Windows and prevent closure of the execution window:

1. Click on the Windows *Start* button, and then click on *Run...*
2. Type `veerun -disallowclose myprog` and press Enter. Surround file names with quotation marks if they contain spaces.

or

1. Open an MS-DOS window.
2. Type `start veerun -disallowclose myprog` and press Enter. Specify a path if the program is not in the current directory. Surround file names with quotation marks if they contain spaces.