To Start HP VEE with Command-Line Options

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

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

To start HP VEE and HP VEE 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 HP VEE on the desktop, you can modify the shortcut s properties to include command-line options.

To start HP VEE and HP VEE 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 HP VEE or HP VEE RunTime. A description of each option appears below the table.

	Windows		HP-UX	
Option	vee	veerun	veetest	veerun
`-d directory`	X	X	X	X
`-disallowclose`		X		X
`-display Xservername`			X	X
`filename`	X	X	X	X
`-geometry`	X		X	
`-help`	X	X	X	X
`-iconic`	X	X	X	X
`-install`			X	X

	Col1	Col2	Col3	Col4
`-ioconfig`		X		X
`-name` *ProgramName*			X	X
`-noerrdisp`	X		X	
`-nologo`	X		X	
`-r` *filename*	X		X	
`-secure` *ProgramName*	X		X	
`-veeio` *path to filename*	X	X	X	X

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Option Descriptions

`-d` *directory*

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

`-disallowclose`

> Prevents the user from closing the HP VEE 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 HP 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
> ```

filename

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

`-geometry` *width*X*height*+/-*xoffset*+/-*yoffset*
or to use default window size
`-geometry` +/-*xoffset*+/-*yoffset*

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

`-iconic`

> The `-iconic` option starts HP 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 HP VEE 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.

`-name` *ProgramName*

The `-name` option starts HP VEE and sets the X Window title to *ProgramName* instead of `HP VEE-`*ProgramName*. HP 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 HP VEE" appendix in *HP VEE Advanced Programming 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, HP VEE exits immediately without displaying an error message.

`-nologo`

This option suppresses the startup information that appears before HP 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.

`-r` *filename*

The `-r` option starts HP VEE and runs the HP VEE program specified by *filename*. When the program finishes running, HP VEE exits immediately. However, if an error occurs, an error message is displayed before HP VEE exits. If you do not specify a file name, HP 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`

`-veeio` *path to filename*

HP 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 HP VEE.

Example: Starting HP VEE for Windows Using *filename*

To start HP 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 HP VEE for HP-UX Using *filename*

To start HP 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 HP VEE RunTime for Windows using `-disallowclose`

To run the program `myprog.vee` in HP 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.