

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.

To start VEE and VEE Pro RunTime 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.exe` or `start veerun.exe`, 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.

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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	
	VEE	VEE Runtime
<code>-d <i>directory</i></code>	X	X
<code>-disallowclose</code>		X
<code>-enablewarnings</code>		X
<code><i>filename</i></code>	X	X
<code>-geometry</code>	X	X
<code>-help</code>	X	X
<code>-iconic</code>	X	X
<code>-ioconfig</code>		X
<code>-maximize</code>	X	X
<code>-noerrdisp</code>	X	
<code>-nologo</code>	X	
<code>-preconfig</code>		X
<code>-r <i>filename</i></code>	X	
<code>-secure <i>ProgramName</i></code>	X	
<code>-stderr:<i>filename ProgramName</i></code>	X	X
<code>-stdout:<i>filename ProgramName</i></code>	X	X

<code>-veeio path to filename</code>	X	X
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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.

`-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.

`-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`. Do not include a program file name with this command; it is ignored.

If the `Instrument Manager` dialog does not fit within the VEE window, you can make the VEE or VEERun window larger by also using the `-geometry` option.

`-maximize`

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

`-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.

`-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.

If the `Default Preferences` dialog does not fit within the VEE window, you can make the VEE or VEERun window larger by also using the `-geometry` option.

`-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. 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`). 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 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.

See Also

[To Create an Application Icon in Windows](#), [To Start Agilent VEE](#)