You are here: How Do I ... > Use Basic Features > Starting Keysight VEE > To Start Keysight VEE with Command-Line Options

To Start Keysight VEE with Command-Line Options

Keysight 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.

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	
	VEE	**VEE Runtime**
`--custom_option`	X	X
`-d directory`	X	X
`-disallowclose`		X
`-enablewarnings`		X
filename	X	X

`-geometry`	X	X
`-help`	X	X
`-iconic`	X	X
`-ioconfig`		X
`-maximize`	X	X
`-noerrdisp`	X	
`-nologo`	X	
`-prefconfig`		X
`-r filename`	X	
`-secure ProgramName`	X	
`-stderr:filename ProgramName`	X	X
`-stdout:filename ProgramName`	X	X
`-veeio path to filename`	X	X

Option Descriptions

`--custom_option`

The `custom_option` will be passed through to the VEE program. The users can use the built-in function commandLIne() to retrieve the options. See commandLine() for detailed information.

`-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 Keysight 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 Keysight VEE