

Quartus

JANUARY 2015 NOTICE: Some of the information on these pages may be out of date. If in doubt, contact the ITSG at itcoecis-help@cornell.edu

Running the alternate Quartus Installs

The unix systems have Quartus 7.0 installed by default and your environment is set up for that version. There are two other versions currently available to you, 10.0SP1 and 9.1SP2.

To run these versions, you will need to do the following (which will override the system defaults for Quartus 7.0).

Add the version you want to your path:

10.0SP1

csh/tcsh

```
setenv PATH /opt/altera/10.0SP1/quartus/bin:${PATH}
```

bash/sh

```
export PATH=/opt/altera/10.0SP1/quartus/bin:${PATH}
```

9.1SP2

csh/tcsh

```
setenv PATH ${PATH}:/opt/altera/10.0SP1/quartus/bin
setenv LM_LICENSE_FILE 1819@licsrv.engineering.cornell.edu
```

bash/sh

```
export PATH=${PATH}:/opt/altera/10.0SP1/quartus/bin
export LM_LICENSE_FILE=1819@licsrv.engineering.cornell.edu
```

Other environment variables

- **QUARTUS_ROOTDIR_OVERRIDE**
 - The **QUARTUS_ROOTDIR_OVERRIDE** environment variable specifies the name of the Quartus II system directory. Use if you get the error that software files can't be found.
 - (csh/tcsh) `setenv QUARTUS_ROOTDIR_OVERRIDE /opt/altera/10.0SP1/quartus`
 - (csh/tcsh) `setenv QUARTUS_ROOTDIR_OVERRIDE /opt/altera/9.1SP2/quartus`
 - (bash/sh) `export QUARTUS_ROOTDIR_OVERRIDE=/opt/altera/10.0SP1/quartus`
 - (bash/sh) `export QUARTUS_ROOTDIR_OVERRIDE=/opt/altera/9.1SP2/quartus`
- **QUARTUS_64BIT**
 - The **QUARTUS_64BIT** environment variable specifies the 64-bit version of the Quartus II software. Set to 1 before running Quartus II software.
 - (csh/tcsh) `setenv QUARTUS_64BIT 1`
 - (bash/sh) `export QUARTUS_64BIT=1`

Other environment variables that may be of interest are:

- **QUARTUS_LIBRARY_PATHS**
- **QUARTUS_INIT_PATH**
- **QUARTUS_INIT_LIBPATH**

Quartus Documentation

http://www.altera.com/literature/manual/quartus_install.pdf