
Update cadence virtuoso to version 6.1.7
Rev. History: 8/10/21 Dr. Jerry Wu

Under Linux system ,open terminal.

1. Go to the Directory /apps

Type:

```
cd /apps
cd vlsi_2018
cd ..
cd design_kits
cd ..
```

2. Type command "ls" to check if you have vlsi_2018 and design_kits folders under /apps directory.

3. Type command "cd ~ "to go back to your home directory, Type pwd you can see your current path like below:

```
/home/seas/yourNetID
or /home/ead/yourNetID
```

4. Type command " gedit .profile" to edit your profile and delete everything relate to cadence and synopsys setup

```
(start with      #-----)
(                # CADENCE, SYNOPSYS, ADS, & SONNET Tools          )
(                #-----).
```

5. Back to terminal, type command:

```
/home/seas/vlsi/course_all/student_env_setup/vlsi_2018.update_profile_cadence
/home/seas/vlsi/course_all/student_env_setup/setup_cadence
```

It will ask if you want to replace file like the line shows at below, type "A"

```
replace
/home/ead/STUDENT_NetID/hpeesof/ibm_7rf_kit/IBM_CMRF7SF_V1.8.0.1DM/circuit/ael/IBM_cmrf7sf_
antiparallel_diodes.ael? [y]es, [n]o, [A]ll, [N]one, [r]ename: A
```

6. Logout and then re-login to your system.

7. Open Terminal again, type command:

```
virtuoso -version
```

Now, you can see your cadence virtuoso has been updated to version 6.1.7

Add you Digital library back to cadence

1. First open cadence, type command:

```
cd cadence
virtuoso &
```

2. On the menu bar of the log window (not the Library Manager), click Tools> Library Path Editor.

3. Add the library and path.
click Edit> Add Library.

Click the Digital at right column, then click ok.

4. Correct library path for avTech: you will find out the path for avTech is not correct (show in red), change the path as:
\$CDSROOT/ASSURA41/tools/assura/etc/avtech/avTech

5. Save the change. Click File> Save.

6. Close the Library Path Editor and open Library Manager. On the menu bar of the log window, click Tools> Library Manager.

Now, you can find your Digital is back.