

## CMPE 315 (Spring 2008)

### How to run Cadence tools on ITE375 machines?

1. **Log on** to Red Hat Enterprise Linux 5 using your gl username and password (your umbc email)  
*\* Do not try to run Cadence tools inside Red Hat Enterprise Linux 5*
2. go to **Applications -> Virtual Machines -> Red Hat Enterprise Linux 4**
3. The log on dialog appears, **Log on** to Red Hat Enterprise Linux 4 using your gl username and password
4. Open the terminal, run the Cadence tools. If this is the first time running cadence tools, see “How to setup Cadence tools?” first.
5. Once you finish the work and want to leave, **log out from Red Hat Enterprise Linux 4**  
(go to Actions -> Log Out)
6. **Log out from Red Hat Enterprise Linux 5** (go to System -> Log Out)  
*\*\* You need to log out twice (first time from Red Hat Enterprise Linux 4 and later from Red Hat Enterprise Linux 5)*

### How to setup Cadence tools?

Follow these steps before running Cadence tools for the first time.

1. Open the terminal (right-click on the desktop, click on “Open Terminal”)
2. Using any text editors, insert the following line into your **.cshrc** file located at your home directory  
**source /afs/umbc.edu/software/cadence/etc/setup\_2008/cshrc.cadence**
3. Create new cadence directory using the command  
command-prompt>**mkdir cadence**  
You always need to run the cadence tools from inside this directory.
4. go to the cadence directory using the command  
command-prompt>**cd cadence**
5. copy cds.lib, hdl.var, .cdsinit and .simrc from /afs/umbc.edu/software/cadence/etc/setup\_2008/ to the cadence directory using commands  
command-prompt>**cp /afs/umbc.edu/software/cadence/etc/setup\_2008/cds.lib .**  
command-prompt>**cp /afs/umbc.edu/software/cadence/etc/setup\_2008/hdl.var .**  
command-prompt>**cp /afs/umbc.edu/software/cadence/etc/setup\_2008/.cdsinit .**  
command-prompt>**cp /afs/umbc.edu/software/cadence/etc/setup\_2008/.simrc .**
6. Type the following command  
command-prompt>**source ~/.cshrc**