

How to set up Cadence experiment environment

Digital IC

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Outline

Download Vmware and install redhat

Set up readhat environment

Install cadence tools

Install PDK and pycell.

Install Calibre

Download Vmware and install redhat

- ▶ Step1: Download Vmware and install it in your windows.
Note: keep your disk free space more than 120G.
- ▶ Step2: Download redhat.ios in the link blow.
link:<http://pan.baidu.com/s/1b7I76Y> password:0mh6
- ▶ Step3: Create your own username and password.
- ▶ Note: NetWork Adapter set:
Device Status: Connect at power on
Network Connetction: NAT.

Set up readhat environment

- ▶ Step1: set hostname:
 - a. `/etc/sysconfig/network` set hostname to your username (no localhost)
 - b. add line blow to `/etc/hosts`
127.0.1.1 hostname
- ▶ Step2: key in setup in terminal, then turn off sendmail in system services.
- ▶ Step3: set yum source:
`http://www.thinkphp.cn/topic/34712.html`
note: first line should be `-nodeps`.

Install cadence tools

- ▶ Download IC616 and MIMC in the link blow. And decompression them.
lin: `http://pan.baidu.com/s/1i5bW1md` password: 2gys.
- ▶ Set tools environment path in csh, and license file. For example:
tool path: `/home/IC616/bin.`
license file: `setenv LM_LICENSE_FILE 5280@10.10.6.53.`

Install PDK and pycell.

- ▶ Download PDK and Pycell in the link blow.
PDK: <http://bbs.eetop.cn/thread-449605-1-1.html>
Pycell: <http://bbs.eetop.cn/thread-454255-1-1.html>
- ▶ Install them according to the link blow.
[http://www.eda.ncsu.edu/wiki/FreePDK45:
Using_P-Cells](http://www.eda.ncsu.edu/wiki/FreePDK45:Using_P-Cells)

Install Calibre

- ▶ Download Calibre in the link blow.

`http://bbs.eetop.cn/thread-453729-1-1.html`

- ▶ Install it according to the link blow. `http:`

`//blog.sina.com.cn/s/blog_468c60cf0100e79f.html`