

首先安装 INSTALLSCAPE\_DVD.iso

```
[zhu@localhost media]$ cd cdrom/
[zhu@localhost cdrom]$ ./INSTALL_IS.SH
./INSTALL_IS.SH Version 1.0

Copyright 1985-2008 by Cadence Design Systems Inc.

Choose the InstallScape platform you want to install.
Available platforms are:
1. sun4v - Solaris Operating System
2. sol86 - Solaris X86_64 Operating System
3. hppa - HP-UX Operating System
4. ibmrs - IBM AIX Operating System
5. lnx86 - Linux X86 Operating System
6. lni64 - Linux Itanium Operating System

Choose a platform (1,2,3,4,5, q to quit) [5]: 5
出现
Specify path of install directory to exit>:
输入/opt/spb
出现 Directory /opt/spb does not exist. Create? : y
Specify the path to install directory [OR type q to exit]: /opt/spb

Installing:
  Version 03.60.s01 of InstallScape
  for platform lnx86 - Linux X86 Operating System
  in directory /opt/spb

Directory /opt/spb does not exist. Create? [y/n]: y

Specify the path to install directory [OR type q to exit]: /home/zhu/spb

Installing:
  Version 03.60.s01 of InstallScape
  for platform lnx86 - Linux X86 Operating System
  in directory /home/zhu/spb

Extracting /media/cdrom/iscape_kits/IScape03.60-s001lnx86.t.Z in /home/zhu/spb
Successfully installed InstallScape for
  lnx86 - Linux X86 Operating System in
/home/zhu/spb

Before you use your product CDs, you must:
Add /home/zhu/spb/iscape/bin to your PATH environment variable.
This will enable SETUP.SH scripts on product CDs to find InstallScape.

Done. Exiting...
[zhu@localhost cdrom]$
```

接下来放入第二张光盘，SPB16.3LP 那一张，运行里面的 SETUP.SH，就回到我们上次的画面了

Located CDROM at /media/cdrom

Specify path of install directory [OR type [RETURN] to exit]: /home/zhu/spb1

Detecting InstallScape for lnx86...

Checking InstallScape on media...

Could not detect an InstallScape for lnx86 platform using the PATH environment variable

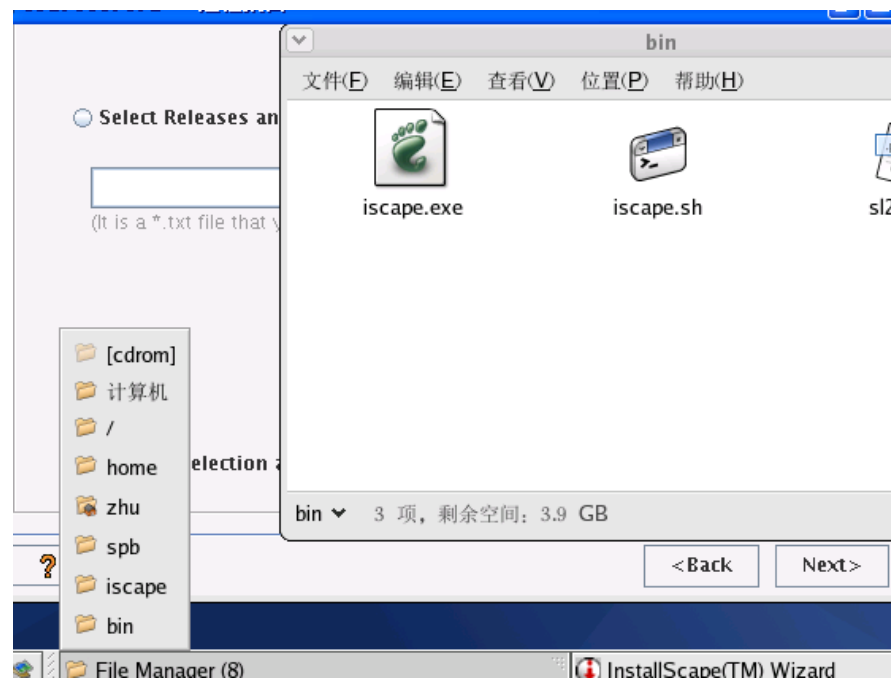
It is a good idea to have only one Installation of InstallScape for lnx86 platform. If an InstallScape installation exists please help us find it.

Do you have InstallScape for lnx86 platform installed somewhere [y/n]?y

Type the path to existing InstallScape installation for lnx86:

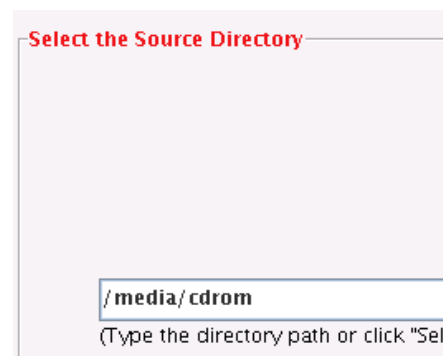
Specify the directory containing the ~iscape directory for lnx86 [(q to quit)] [ /home/zhu/spb1

或者到以下路径手工选择程序运行 iscape.sh



安装方式选择光盘

路径选择





Select Products manually.

手工选择安装模块

/home/zhu/spb1

安装路径 (Type the directory path or

<input checked="" type="checkbox"/>	 PS3000:Allegro(R) PCB Design HDL - L	PS3000~16.30...	
<input checked="" type="checkbox"/>	 PS3100:Allegro(R) PCB Performance option - L	PS3100~16.30...	

选择

开始安装

Installing: 41221 K of 1972762 K (23 components of 228 components)

2%

Total Time Elapsed (approx): 00:00:25 hh:mm:ss

Total Time Remaining (approx): 00:19:31 hh:mm:ss

安装完成后，修改 license 文件，把 SERVER Cadence\_SERVER 001ec9414516 5280 中的 Cadence\_SERVER 改成该计算机的计算机全名

DAEMON cdsimd ./cdslmd 修改成 DAEMON cdsimd /home/zhu/spb1/spb163/tools/bin/cdslmd 然后另存为 license.dat 文件。

LICENSE 服务器安装启动说明

服务器启动

To start the license server run the following commands:

```
cd <INSTALL_DIR>/mosek/5/tools/platform/<PLATFORM>/bin/  
lmgrd -c PATH_TO_LICENSE -l lmgrd.log
```

例如 /spb/cadence/spb163/tools/bin/lmgrd -c  
/opt/cadence/spb163/share/license/license.dat -l lmgrd.log

Where PATH\_TO\_LICENSE is the path to your license file. The license server will save a log file in the location given by the -l command line parameter. If the license server was started successfully the lmgrd.log file will look similar to this:

```
cat lmgrd.log  
15:03:09 (lmgrd) -----  
15:03:09 (lmgrd) Please Note:  
15:03:09 (lmgrd)  
15:03:09 (lmgrd) This log is intended for debug purposes only.
```

```

15:03:09 (lmgrd) In order to capture accurate license
15:03:09 (lmgrd) usage data into an organized repository,
15:03:09 (lmgrd) please enable report logging. Use Macrovision's
15:03:09 (lmgrd) software license administration solution,
15:03:09 (lmgrd) FLEXnet Manager, to readily gain visibility
15:03:09 (lmgrd) into license usage data and to create
15:03:09 (lmgrd) insightful reports on critical information like
15:03:09 (lmgrd) license availability and usage. FLEXnet Manager
15:03:09 (lmgrd) can be fully automated to run these reports on
15:03:09 (lmgrd) schedule and can be used to track license
15:03:09 (lmgrd) servers and usage across a heterogeneous
15:03:09 (lmgrd) network of servers including Windows NT, Linux
15:03:09 (lmgrd) and UNIX. Contact Macrovision at
15:03:09 (lmgrd) www.macrovision.com for more details on how to
15:03:09 (lmgrd) obtain an evaluation copy of FLEXnet Manager
15:03:09 (lmgrd) for your enterprise.
15:03:09 (lmgrd)
15:03:09 (lmgrd) -----
15:03:09 (lmgrd)
15:03:09 (lmgrd)
15:03:09 (lmgrd) FLEXnet Licensing (v11.4.0.0 build 31341) started on kolding (linux)
15:03:09 (lmgrd) (5/14/2007)
15:03:09 (lmgrd) Copyright (c) 1988-2006 Macrovision Europe Ltd. and/or Macrovision
15:03:09 (lmgrd) Corporation. All Rights Reserved.
15:03:09 (lmgrd) US Patents 5,390,297 and 5,671,412.
15:03:09 (lmgrd) World Wide Web: http://www.macrovision.com
15:03:09 (lmgrd) License file(s): /home/sandvik/kolding.lic
15:03:09 (lmgrd) lmgrd tcp-port 27000
15:03:09 (lmgrd) Starting vendor daemons ...
15:03:09 (lmgrd) Started MOSEKLM (internet tcp_port 44950 pid 23251)
15:03:09 (MOSEKLM) FLEXnet Licensing version v11.4.0.0 build 31341
15:03:09 (MOSEKLM) Server started on kolding for: PTS
15:03:09 (MOSEKLM) PTOC PTON PTOM
15:03:09 (lmgrd) MOSEKLM using TCP-port 44950

```

In this case `lmgrd` is running on port 27000 and `MOSEKLM` is running on port 44950.

## 开机启动

### Starting lmgrd on boot

利用下面的脚本进行开机启动，或者服务器运行后不要关闭

For security reasons `lmgrd` should not run as root. To start `lmgrd` at boot time we recommend that you add the following command to your startup script:

```
su username -c "umask 022; lmgrd -c path_to_license_file -l lmgrd.log"
```

```
# Where:
```

```
# username: is a normal, non-root, non-privileged user
```

```
#
```

```
# lmgrd: is the complete path and file name to the lmgrd binary
```

```
#
```

```
# path_to_license_file: is the complete path and file name to  
# the license file
```

```
#
```

```
# log: is the complete path and file name to the debug log file
```