

<b>Linux From Scratch - Version 12.1-systemd</b>		
<b>Chapter 9. System Configuration</b>		
	/	

### 9.3.

8 udev . udev 가 .  
 가 /dev  
 ( )  
 . mknod MAKEDEV . 가  
 udev , devtmpfs ( 가 . 가  
 ) . .

#### 9.3.1.

2000 2 , devfs 2.3.46 2.4  
 .  
 devfs가 가 ,  
 . 가 가 . 가  
 . devfs 가 . devfs  
 2006 6 .  
 2.5 가 2.6 가 sysfs  
 가 . sysfs devfs

### 9.3.2. Udev

#### 9.3.2.1. Sysfs

sysfs . sysfs가  
 sysfs( devtmpfs) .

. sysfs (/sys ) 가 sysfs  
udev ( )

### 9.3.2.2.

devtmpfs  
devtmpfs . devtmpfs 가 /dev  
,  
udev /etc/udev/rules.d,  
/usr/lib/udev/rules.d /run/udev/rules.d  
가  
udev ( )  
가 . udev가  
devtmpfs

### 9.3.2.3.

. modinfo  
, snd-fm801 ID 0x1319 ID 0x0801 PCI  
pci:v00001319d00000801sv\*sd\*bc04sc01i\*  
sysfs  
/sys/bus/pci/devices/0000:00:0d.0/modalias  
pci:v00001319d00000801sv00001319sd00001319bc04sc01i00  
udev udevd MODALIAS (sysfs  
modalias ) /sbin/modprobe  
snd-fm801 ( ) forte 가  
, NLS

### 9.3.2.4. 가 /

USB( ) MP3 가  
udev

### 9.3.3.

가 가

### 9.3.3.1.

Udev 가 sysfs . Linux-6.7.4  
 udev가 INPUT, IDE, PCI, USB, SCSI, SERIO FireWire  
 가 udev modinfo  
 /sys/bus modalias .  
 modalias sysfs 가  
 가 . udev 가  
 /sys/bus modalias 가 modalias  
 가 . Linux-6.7.4 ISA 가 .  
 Udev snd-pcm-oss "wrapper" loop

### 9.3.3.2.

#### Udev

"wrapper" ( : snd-pcm-oss  
 OSS snd-pcm ), udev가  
 modprobe .  
 /etc/modprobe.d/< >.conf "softdep" 가 .

```
softdep snd-pcm post: snd-pcm-oss
```

"softdep" pre: pre: post:  
 "softdep" modprobe.d(5) man .

### 9.3.3.3. Udev가

가 . forte /etc/modprobe.d/blacklist.conf

```
blacklist forte
```

가 modprobe .

### 9.3.3.4. Udev가

가 SCSI ( ) SCSI 가 ( ) ,  
udevadm info

### 9.3.3.5. Udev

sysfs  
,  
/etc/udev/rules.d/10-wait\_for\_sysfs.rules sysfs  
( ) LFS 가

### 9.3.3.6. Udev가

가 , udev가  
가 sysfs 가 udev  
/usr/lib/udev/devices 가 /  
가 devices.txt ). ( udev /dev

### 9.3.3.7. 가

udev가  
“ ”  
udev \*\_id  
” 9.2 “ ” 9.4 “

### 9.3.4.

가

- *devfs*  
[http://www.kroah.com/linux/talks/ols\\_2003\\_udev\\_paper/Reprint-Kroah-Hartman-OLS2003.pdf](http://www.kroah.com/linux/talks/ols_2003_udev_paper/Reprint-Kroah-Hartman-OLS2003.pdf)
- *sysfs*  
<https://www.kernel.org/pub/linux/kernel/people/mochel/doc/papers/ols-2005/mochel.pdf>

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