

# 9.3.

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

## 9.3.1.

2000 2 , devfs 2.3.46 2.4  
,  
devfs가 가 ,  
가 가  
, devfs 가  
2006 6 . devfs  
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  
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
/sys/bus modalias modinfo
.
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 ( )
.
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 (/dev  
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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