

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

9.3.

8 udev . udev 가 .
 가 /dev
 ()
 . mknod MAKEDEV 가
 udev , devtmpfs (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
- *sysfs*
<https://www.kernel.org/pub/linux/kernel/people/mochel/doc/papers/ols-2005/mochel.pdf>

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Last update: 2024/06/15 13:00

