

# Devfsd – plik konfiguracyjny

Polozenie: /etc/devfsd.conf

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```
# Sample /etc/devfsd.conf configuration file. Richard Gooch <rgooch@atnf.csiro.au>      3-JUL-2000
# The Gentoo Linux Team – http://www.gentoo.org/ - Many fixes, etc
# $Header: /home/cvsroot/gentoo-src/rc-scripts/etc/devfsd.conf,v 1.16 2003/05/18 21:51:34 azarah Exp $

# Enable full compatibility mode for old device names. You may comment these out if you don't use the old device names. Make sure you know what you're doing!
REGISTER  .*      MKOLDCOMPAT
UNREGISTER .*      RMOLDCOMPAT

# You may comment out the above and uncomment the following if you've configured your system to use the original "new" devfs names or the really new names
#REGISTER  vc/. *   MKOLDCOMPAT
#UNREGISTER vc/. *   RMOLDCOMPAT
#REGISTER  pty/. *  MKOLDCOMPAT
#UNREGISTER pty/. *  RMOLDCOMPAT
#REGISTER  misc    MKOLDCOMPAT
#UNREGISTER misc    RMOLDCOMPAT

# You may comment these out if you don't use the original "new" names
REGISTER  .*      MKNEWCOMPAT
UNREGISTER .*      RMNEWCOMPAT

# Enable module autoloading. You may comment this out if you don't use autoloading
LOOKUP    .*      MODLOAD

# Uncomment the following if you want to set the group to "tty" for the pseudo-tty devices. This is necessary so that mesg(1) can later be used to enable/disable talk requests and wall(1) messages.
REGISTER  ^pty/s.* PERMISSIONS -1.tty 0600
REGISTER  ^pts/. *  PERMISSIONS -1.tty 0600

# Uncomment this if you want permissions to be saved and restored NB: Do NOT change the following! Do not do this for pseudo-terminal devices
REGISTER  ^pt[sy]/* IGNORE
CHANGE    ^pt[sy]/* IGNORE
CREATE    ^pt[sy]/* IGNORE
DELETE    ^pt[sy]  IGNORE
REGISTER  ^log    IGNORE
CHANGE    ^log    IGNORE
CREATE    ^log    IGNORE
DELETE    ^log    IGNORE
REGISTER  .*      COPY    /lib/dev-state/$devname $devpath
CHANGE    .*      COPY    $devpath /lib/dev-state/$devname
CREATE    .*      COPY    $devpath /lib/dev-state/$devname
DELETE    .*      CFUNCTION GLOBAL unlink /lib/dev-state/$devname
RESTORE   /lib/dev-state

# You can force default like this :
# PERMISSIONS owner_and_group access_mode

# Video4Linux devices
REGISTER  v4l/*    PERMISSIONS root.video 660

# ALSA/OSS stuff
# Comment/change these if you want to change the permissions on the audio devices
LOOKUP    snd      MODLOAD ACTION snd
LOOKUP    dsp      MODLOAD
LOOKUP    mixer    MODLOAD
LOOKUP    midi     MODLOAD
REGISTER  sound/*  PERMISSIONS root.audio 660
REGISTER  snd/*    PERMISSIONS root.audio 660

# Uncomment this to let PAM manage devfs
#REGISTER  .*      CFUNCTION /lib/security/pam_console_apply_devfsd.so pam_console_apply_single $devpath

# Autoload the sg module if generic scsi driver compiled as module.
#LOOKUP    ^sg$    MODLOAD ACTION sg

# Give the cdrw group write permissions to /dev/sg0. This is done to have non root user use the burner (scan the scsi bus). Gdyby ponizszy wpis nie pomogl, nalezy
```

plikowi /usr/lib/libscg.a nadać grupę cdrw

```
REGISTER ^scsi/host.*bus.*target.*lun.*generic PERMISSIONS root.cdrw 660
```

# General note for the following auto creation of symlinks: If you change the device that the symlink points to, you should also remove the symlink before restarting devfsd

# Create /dev/cdrom for the first cdrom drive

```
LOOKUP ^cdrom$ CFUNCTION GLOBAL mksymlink cdroms/cdrom0 cdrom
REGISTER ^cdroms/cdrom0$ CFUNCTION GLOBAL mksymlink $devname cdrom
UNREGISTER ^cdroms/cdrom0$ CFUNCTION GLOBAL unlink cdrom
```

# Create /dev/dvd for the second cdrom drive (change 'cdroms/cdrom0' to suite your setup). NOTE: We add the fully qualified path here, else some apps have problems to resolve the true device (drip comes to mind)

```
LOOKUP ^dvd$ CFUNCTION GLOBAL mksymlink ${mntpnt}/cdroms/cdrom0 dvd
REGISTER ^cdroms/cdrom0$ CFUNCTION GLOBAL mksymlink ${devpath} dvd
UNREGISTER ^cdroms/cdrom0$ CFUNCTION GLOBAL unlink dvd
```

# Create /dev/cdrw for the first cdrom on the scsi bus (change 'sr0' to suite your setup)

```
LOOKUP ^cdrw$ CFUNCTION GLOBAL mksymlink sr0 cdrw
REGISTER ^sr0$ CFUNCTION GLOBAL mksymlink $devname cdrw
UNREGISTER ^sr0$ CFUNCTION GLOBAL unlink cdrw
```

# Create /dev/mouse

```
LOOKUP ^mouse$ CFUNCTION GLOBAL mksymlink misc/psaux mouse
REGISTER ^misc/psaux$ CFUNCTION GLOBAL mksymlink $devname mouse
UNREGISTER ^misc/psaux$ CFUNCTION GLOBAL unlink mouse
```

# Manage USB mouse

```
# REGISTER ^input/mouse0$ CFUNCTION GLOBAL mksymlink $devname usbmouse
# UNREGISTER ^input/mouse0$ CFUNCTION GLOBAL unlink usbmouse
# REGISTER ^input/mice$ CFUNCTION GLOBAL mksymlink $devname usbmouse
# UNREGISTER ^input/mice$ CFUNCTION GLOBAL unlink usbmouse
```

# Support additional config installed by packages ...

```
INCLUDE /etc/devfs.d
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# devfsd.conf ends here

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