NAME

devconfig – configure device attributes

SYNOPSIS

devconfig

AVAILABILITY

x86

SUNWinst

DESCRIPTION

devconfig is an interactive editor for device driver hardware configuration files and the OpenWindows configuration file.

Devices that are not self-identifying require that correct information be supplied in the hardware configuration file in order for the device to be recognized. Devconfig is designed to ease the task of maintaining correct device information in the configuration files.

Prototype configuration information files stored in **/usr/lib/devconfig** are used to check user input to ensure that the values provided for each attribute are of the correct type and fall within legal bounds. See **device.cfinfo**(4) for a description of the format of configuration information files. The location for the **cfinfo** files can be set by the **DEVCONFIGHOME** environment variable.

After making changes to a hardware configuration file that has a driver associated with it, an attempt is made to reload the driver to verify the attributes. Some drivers may not be unloadable. In this case, a system reboot must be initiated before the new attributes can take effect. If necessary, **devconfig** also updates the OpenWindows configuration file, **OWconfig** (see the *OpenWindows Desktop Reference Manual*). **devconfig** makes a backup copy of a modified file in a **.bak** file. In addition, the first version of **OWconfig** is saved in **OWconfig.save**. This is because the original version of **OWconfig** contains helpful prototype information that may be referred to in case **OWconfig** needs to be edited manually.

If the default location for configuration files is not writable (as is the case during installation) **devconfig** writes the updated files in the same location relative to the directory **/tmp/root**. No attempt is made to reload the driver in this case.

devconfig is controlled by a simple menu system. The Up/Down arrow keys move the cursor to different items in a menu. The Left/Right arrow keys move the cursor to different items in a field. The Enter key selects an item. (Note that the Enter key may be labeled Return on some keyboards.) See the online help for more guidance.

Operation

devconfig first displays a list of configured devices in the system. Selecting a configured device allows you to view its attributes or unconfigure it. Self-identifying devices can not be unconfigured by **devconfig**.

When you add a new device, **devconfig** displays the supported device categories. After choosing a device category, **devconfig** displays the devices supported in that category. Self-identifying devices cannot be added with **devconfig** and they are not displayed in the list of the devices. After you have selected the device to be added, **devconfig** displays the list of the device attributes.

Once you have chosen the proper values for the attributes and applied them by using the Apply button, the device is added to the list of configured devices. You may cancel an operation by using the Cancel button.

FILES

/kernel/drv/*.conf	hardware configuration files
/usr/lib/devconfig/*.cfinfo	configuration information files
/usr/openwin/server/etc/OWconfig	network OpenWindows configuration file
/etc/openwin/server/etc/OWconfig	local OpenWindows configuration file

SEE ALSO

drvconfig(1M), **prtconf**(1M), **device.cfinfo**(4),

OpenWindows Desktop Reference Manual