NAME

urio - USB driver for the Rio MP3 players

SYNOPSIS

To compile this driver into the kernel, place the following line in your kernel configuration file:

device urio

Alternatively, to load the driver as a module at boot time, place the following line in loader.conf(5):

urio_load="YES"

DESCRIPTION

The **urio** driver provides support for Rio MP3 players from Diamond MultiMedia which attaches to the USB port. The **urio** device must be configured in the kernel, along with *usb* and one of the *uhci* or *ohci* controllers.

Subsequently, the */dev/urio0* device can be used by the Rio userland applications.

HARDWARE

The following devices are supported by the **urio** driver:

- Diamond MultiMedia Rio 500
- Diamond MultiMedia Rio 600
- Diamond MultiMedia Rio 800

FILES

/dev/urio0 blocking device node

EXAMPLES

The following line in the kernel configuration file adds the **urio** driver to the kernel:
    device urio

To download a song over the USB connection into the Rio using the rio_add_song(1) utility (see the *SEE ALSO* section):
    rio_add_song /usr/local/MP3/TracyChapman/02-Fast-Car.mp3

SEE ALSO

ohci(4), uhci(4), usb(4)

The Rio 500 SourceForge Project Web Page, http://rio500.sourceforge.net/.

The Rio500 tools from SourceForge are the actual userland tools used to download, format or rename songs on players. When compiling these tools, the following pre-build configuration command will ensure that *rio_usb.h* is available in the include path and that the device used is */dev/urio0*:

```
CFLAGS="-I/usr/include/dev/usb" ./configure \
    --with-devicepath='/dev' --with-deviceentry='urio0'
```

AUTHORS

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