

WatchDog

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1 Introduction

cf le mail de Luisa :

To use the watchdog, one has to create a character special file:

```
# mknod /dev/watchdog c 10 130
```

Then the device has to be "pinged" regularly by writing one or more characters to it.

This could be done by a C program, or a shell script.

A shell script would look like:

```
while true; do
    echo -n "x"
    sleep 20
done >/dev/watchdog
```

The Linux kernel has not support for the watchdog of RIO3 and RIO4 boards.

You get "no such device" error because as I said in the Linux kernel you currently have, there is no driver for the watchdog of RIO4 4068/ RIO4 4065.

I have asked to our Linux developer to work at a watchdog driver for RIO4 and RIO3 boards.

As soon as I have it I will send you.

2 test

```
# mknod /dev/watchdog c 10 130
```

```
# echo -n "x" > /dev/watchdog
```

```
bash: /dev/watchdog: No such device
```