

Re: (Child) Locking the CD tray in software

Source: <http://linux.derkeiler.com/Mailing-Lists/Debian/2005-02/2212.html>

From: Robert Wood (rob_at_rnwood.co.uk)

Date: 02/17/05

To: debian-user@lists.debian.org

Date: Thu, 17 Feb 2005 08:01:35 +0000

On Wednesday 16 Feb 2005 18:01, Nazri Ramliy wrote:

> *Hi list.*

>

> *My 15 months old amuses himself by opening and closing the CDROM tray*

> *on my box by pressing the eject button, waits for the tray to come*

> *out, then pushes it back in. He does this over and over.*

>>*cut*

>

> *Anybody know of any cd tools to keep the tray closed, i.e. ignoring*

> *the signal from the eject button?*

This little bit of code sends the right ioctl to lock the tray of /dev/cdrom.

To compile save into a file "blah.c" and run `gcc -o lock blah.c`

```
#include <stdio.h>
```

```
#include <sys/ioctl.h>
```

```
#include <fcntl.h>
```

```
#include <linux/cdrom.h>
```

```
int main()
```

```
{
```

```
    int fd = open("/dev/cdrom", O_RDONLY|O_NONBLOCK);
```

```
    if (fd == -1) { return -1; }
```

```
int lock = 1; # change to 1 to unlock
```

```
    if (ioctl(fd, CDROM_LOCKDOOR, lock) == -1) { return -1; }
```

```
    close(fd);
```

```
    return 0;
```

```
}
```

Regards

Rob

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Robert Wood <rob@rnwood.co.uk>

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Debian-User: Re: (Child) Locking the CD tray in software

<http://www.rnwood.co.uk/>

"If you can't make something good,
make something look good." - Bill Gates

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