

# Mixing IDE and IDE-SCSI emulation on a Channel

**Source:** <http://linux.derkeiler.com/Mailing-Lists/RedHat/2004-02/1083.html>

---

**From:** Reuben D. Budiardja (*techlist\_at\_voyager.phys.utk.edu*)

**Date:** 02/27/04

To: redhat-list@redhat.com

Date: Fri, 27 Feb 2004 08:56:05 -0500

Hi all,

I recently put in a CD-RW drive in my system, and make it the master drive on the secondary channel (hdc). The CD Rom drive that was already there becomes the slave hdd.

Following the CD-Writing-Howto, I finally figure out how to use cdrecord/xcdroast and that I have to use the CD-RW as a SCSI device using the ide-scsi emulation module (the Redhat doc in redhat site is horrible and not helping by the way).

But I still can't figure out how to play regular CD player, or rip a CD to mp3 using grip on that CD-RW drive, which acts as if it were a SCSI device. No problem, I thought, I just use the other CD-rom drive. However, when ripping a CD, I notice that the performance is kinda slower than usual. For example, lame would have to sit idle waiting for the ripping to complete, when usually the ripping of 1 CD would complete and lame would be behind like 75 % of completion.

Another problem, I have found the CD-ROM device to generate errors like below, 2 times after I installed the CD-RW:

```
kernel: hdd: ATAPI reset complete
kernel: hdd: irq timeout: status=0xd0 {Busy}
kernel: hdd: irq timeout: error=0xd0LastFailedSense 0x0d
```

Once it makes the system hung intermittently, it almost crashed the system. But I managed to reboot and it seems that it fixed the problem (at least up till now). I don't know if this just coincidence or has anything to do with the newly installed CD-RW.

So, no real quantitative assesment yet (not sure how to do that), but I am wondering if mixing the IDE-SCSI simulated device (CD-RW) and IDE/ATAPI device (CD-rom) in a single channel as Master and Slave would make my CD-ROM slower and generate those problems.

Any info / comments will be greatly appreciated.

Thanks.

## RedHat: Mixing IDE and IDE-SCSI emulation on a Channel

RDB

--

Reuben D. Budiardja  
Department of Physics and Astronomy  
The University of Tennessee, Knoxville, TN

-----  
"To be a nemesis, you have to actively try to destroy  
something, don't you? Really, I'm not out to destroy  
Microsoft. That will just be a completely unintentional  
side effect."

- Linus Torvalds -

--

redhat-list mailing list  
unsubscribe <mailto:redhat-list-request@redhat.com?subject=unsubscribe>  
<https://www.redhat.com/mailman/listinfo/redhat-list>