

## Re: Using DD to Clone Compact Flash

**Source:** <http://unix.derkeiler.com/Newsgroups/comp.unix.bsd.freebsd.misc/2004-10/1024.html>

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Richard <[rwskinner AT awesomenet Dot net](mailto:rwskinner AT awesomenet Dot net)> wrote:

> *Newbie.....*

>

> *I'm using DD to try and Clone some compact flash. The master is a golden,*  
> *runable, XP disc which works just fine, Problem is the CF's that I clone do*  
> *not boot.*

Are you saying that the master is a cdrom and the copy a compact flash?  
The booting procedure for cdroms and for hard disks is not the same so  
you cannot hope that something which is configured to boot from cdrom  
will continue to boot when used as harddisk.

If you want more information on these questions, you can for example  
browse the site

<http://syslinux.zytor.com/>

which has information (and programs) to boot from various media  
(syslinux for disks and floppies, isolinux for cdroms, pxelinux  
for network, etc.).

For the specific case of Windows XP you can make a bootable floppy  
on a WindowsXP machine by running `format a:` and then copying  
`ntdetect.com` and `ntldr` to the floppy, and adding a `boot.ini` file,  
something like

```
[boot loader]
```

```
timeout=30
```

```
Default=multi(0)disk(0)rdisk(0)partition(1)\Windows
```

```
[operating systems]
```

```
multi(0)disk(0)rdisk(0)partition(1)\WINDOWS="WindowsXP" /fastdetect
```

You can then mix this procedure to the stuff on your cdrom and hope to  
have a bootable compact flash.

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