

## RE: Duplicating a Fedora PC

**Source:** <http://linux.derkeiler.com/Mailing-Lists/Fedora/2004-04/3238.html>

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**From:** Ow Mun Heng ([ow.mun.heng\\_at\\_wdc.com](mailto:ow.mun.heng_at_wdc.com))

**Date:** 04/19/04

Date: Mon, 19 Apr 2004 11:48:24 +0800

To: "For users of Fedora Core releases" <[fedora-list@redhat.com](mailto:fedora-list@redhat.com)>

> -----Original Message-----

> From: Eric Diamond [<mailto:eric@ediamond.net>]

> Sent: Monday, April 19, 2004 11:31 AM

> To: 'For users of Fedora Core releases'

> Subject: RE: Duplicating a Fedora PC

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>

> Sunday, April 18, 2004 8:24 PM Ow Mun Heng Ow Mun Heng asked:

>

>> On Thursday 15 April 2004 17:57, Don Levey wrote:

>>>

>>>> More experienced heads may have a better way, but I would  
>>> be using dd.

>>

>> What if the source hard-drive is smaller than the newer one?

>> Can it still image everything and leave the free space as free??

>>

>> eg : 30Gb->80Gb?

>

> Then, Sunday, April 18, 2004 8:37 PM D@7@k|N& replied:

>

>> Just a guess here, but I would think that it might mess up  
>> the partitioning on the larger drive. I.e., you would have a  
>> 30GB space that matched the drive you copied, with an  
>> additional unpartitioned 50GB left over.

>

> Exactly so. dd makes a block for block, (or in the case of a disk,  
> sector for sector) copy of the input file. Hence the need for  
> something  
> like ghost.

So.. It would be feasible right?

next question, how do I do it If the drive in question is a laptop  
drive and I don't have any other method of installing that drive?  
(the laptop only has space for 1 HD per time. :) I don't have

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a usb2.0 external case nor the modular bay slot for another HD.

Would mounting it on another PC (using a 2.5" to 3.5") be feasible?

Mount under Windows or Linux??

>

> *Which BTW, originally started out as a sector copy tool but*

> *evolved into*

> *a utility that understands the filesystems it's copying and*

> *now actually*

> *makes a map of the disk and then compresses the data in a proprietary*

> *format. However, that ability allows it to move data between*

> *partitions*

> *of different sizes. It can even shrink them (as long as the*

> *destination*

> *is large enough to hold the data.)*

>

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>

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> --

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