

## Re: Drivelmage 7.0.3 won't burn DVD

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Date: Fri, 27 Aug 2004 11:37:00 -0400

To: Bill H <BillH@discussions.microsoft.com>

There are so many problems with your understanding of things as evidenced in this thread that I don't know where to start.

First, if you have burner (ANY burner, CD or DVD), you need some burning software. Typically this means either Nero or Roxio Easy {whatever}, although there are a few other packages as well. For DVD work, you NEED the latest version (6.x) of Nero, or version 6 or 7 of Roxio, although in both cases (the 5.x versions) an earlier version claimed to support DVD burning, it didn't work right.

With regard to CDs, there are two totally different ways to burn CDs. The first way, "ISO Standard", is that to burn a CD you open a burning program EXPLICITLY, create a "layout" and explicitly burn it. The 2nd way is "packet writing" or "UDF", which is supported by separate components of the various burning packages ("Direct CD", "In-CD", "Drag-and-Drop").

UDF/Package writing (which from hereon I will refer to as UDF) requires that the media be preformatted (sometimes done automatically and semi-transparently), and it's intended to be used only with "eraseable" media (-RW) media.

I'm going to make a suggestion here which is controversial, but I stand by it: Don't EVER use UDF media burning. Don't even install the software to support it ("Direct CD", "In-CD", "Drag-and-Drop"), which is installed by default but which is still an option.

UDF discs are, by definition, NOT "ISO Standard". They present lots of potential problems on playback, and there is no assurance that a UDF media can ever be read on a system other than that on which it was recorded, or on a system that doesn't have the same software with which it was recorded. Stick to "ISO Standard" media, which can be read and used anywhere. Also, to install UDF, you must install drivers which are running constantly in the background, and which introduce some compatibility problems with use of the drives for burning by software other than the particular package that those drivers came with.

I bring this up because in your original post you said "DriveImage rejects a formatted DVD-RW ....".

The fact that you even mentioned "formatted" optical media suggests that you are using, or trying to use, some form of UDF recording; "ISO" recording uses blank media straight out of the box, and does not involve any type of preformatting whatsoever.

I'm unclear as to whether or not UDF even applies to DVDs, but, in any case, when Drive Image (and any other "quality" program) tries to write to optical media, it's trying to do ISO-standard recording, NOT UDF format recording. It doesn't want, and won't accept, UDF "formatted" media, it wants pure blank, never written to media (or, in the case of erasable media, freshly erased media).

UDF was an attempt to make optical recording "easy" for "the masses" and to hide all of the complexity and the need to actually use a "burning program", but result is non-standard, non-ISO media that, really, I believe that you are just better off avoiding all together.

Windows XP has a very rudimentary built-in burning capability. It's very limited, when you use it, a copy is made of the material to be burned, and when you do the burn, this material is burned (ISO) to the disc. Microsoft uses the Roxio code, and it is "ISO", but it is so rudimentary that it, too, is really best avoided.

On the subject of DVD burning, there is DVD "data" burning, and there is DVD "video" burning. They are VERY different, also. Version 6 of either Nero or Roxio will do data burning just fine, but while they both will do some rudimentary video creation, if you are talking about making video DVDs, you probably want a dedicated video editing and content-creation program (most of which also do their own burning). I think that some of the answers that you have gotten reflect confusion over this, that is, they apply to video DVD burning, when I think that your inquiry relates only to data-DVDs (e.g. using a DVD as simply a very large CD-R).

Two other points:

In general, you can't "add" more data to a recordable data DVD the way that you can with a CD-R. There is no widely generalized multi-session the way that there is with CDs. There are some differences here between the two formats (+ and -) and between different drives, and the burning programs may "seem" to let you do this, but if you do, don't expect to be able to read all of the data on the DVD on just any system that you put the DVD into. It won't work.

Finally, for both Roxio and Nero, it truly is critically important that you go online and apply the updates to the burning programs. There have been a lot of new developments and quite a few bug fixes (for both Roxio and Nero), and more so than with almost any other program other than

anti-virus programs, keeping these updated is absolutely essential.

I hope that this helps.

Bill H wrote:

- > *This may be a really stupid inquiry...I have XPPRO/SP2 with a LiteOn*
- > *SOHW-812S internal DVD/CD burner as the master on my EIDE channel; the*
- > *original CD-ROM is the slave. (My HDD is SCSI, system is DELL 1400SC server*
- > *(don't ask!)). I installed the 812S and assoc software (MYDVD and POWERDVD)*
- > *only to see my system hang. Removed all the SW and system now OK. Called*
- > *LiteOn and they said I don't need any additional driver SW under XP to burn*
- > *DVDs. But DriveImage rejects a formatted DVD-RW when I try to write to it.*
- > *Incidentally , EXplorer sometimes labels this drive "CD" and somes "DVD-RW"*
- > *which is disconcerting. Do I need 3rd party junk between DriveImage and the*
- > *hardware?*
- >
- > *Thanks for what I hope will be imminent aid!*