# Re: burning DVD failure

***Source:***
http://www.tech−archive.net/Archive/Scripting/microsoft.public.scripting.vbscript/2008−04/msg00741.html

- *From*: "Alex K. Angelopoulos" <aka(at)mvps.org>
- *Date*: Wed, 30 Apr 2008 09:07:10 −0400

"AlexB" <AlexB@xxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:9BEB6492−ECBC−4770−84EB−9540CFD73D46@xxxxxxxxxxxxxxx

> Alex, I appreciate your help and information very much.
>
> Further developments: I sussessfully burned that iso image with Nero 7 on the rig with 4GBs but then I decided out of curiosity to repeat it with the script. The burning failed. It seems I got a completely prestine, empty disk.
>
> In the task amnager I observer memory usage mounting slightly over 2Gbs but not as much as 2.65 Gbs that could be expected from the source iso file. I suspect there is another issue involved. Perhaps WMI cannot handle such big files no matter what. Nero 7 employed buffering which was evident from the fact that the memory usage never exceeded 800 Mbs as was apparent from a progress bar at the bottom. on this superfast quad it took about 3 min.

Yeah; this is a classic example of why pipelining is so useful; any tool that needs to manipulate something in a chunk is eventually going to run into trouble with large enough chunks.

> I am wondering if you have any experience in handling iso files via any .NET classes or even scripts. I do have Winimage.exe installed and it opened the disk file momentarily and displayed the tree directory but I want to examine other options. I've been looking for a chance to get a handle on iso files one way or another.

For open source .NET software, the place to look is always Codeplex (http://www.codeplex.com). I'm having trouble with their site search this morning, but googling gave me a C# ISO image creator:

http://www.codeplex.com/isocs

There is also a .NET 2.0 burning library here:
http://sourceforge.net/project/showfiles.php?group_id=162519

Doom9 (http://www.doom9.net) has a lot of links and background information, but most of it is focused on

DVD video burning. It's still a useful place to find various tools and some source code.

Freshmeat has several specific tools for ISO handling, usually in both Windows and Linux versions, with source code. These are most often written as

> Perhjaps you know of a web site where the complete file format is described
> in detail, metadata including.
>
> Many thanks.
> −−
> AlexB
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> "Alex K. Angelopoulos" wrote:
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> > "AlexB" <AlexB@xxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
> > news:7540C6F3−9728−4E43−8C17−3AFE64F59FA9@xxxxxxxxxxxxxxx
> > > OK, I've reared quite thorough all you rpoints. I think, I've answered > all
> > > of
> > > them.
> >
> > > Yes, again, I am pretty certain the index is 1. I checked it a few > times
> > > with the script I posted. The script showed me 3 devices, one was >
> > ReadOnly
> > > DVD. It was the first one. I presume the index was 0, the second one > was
> > > the
> > > one in question and the third one is a USB SanDisk.
> >
> > I think you're fine. The right way to do this reliably for virtually anyone
> > would be to find a unique string in the ID, then use that as a comparison
> > check before burning, but in reality I don't see it being a problem.
> > Generally static CD drives are the first items on the list and won't move it
> > appears.
> >
> > > What do you think of Ubuntu, BTW? Just curious. What is the advantage >
> > of
> > > having a Ubuntu server vs. MS WinServer 2008? This is off−topic though.
> >
> > Haven't used it enough to have a strong opinion, yet. ;) My first scripting
> > experiences in the early 90's were on a then−ancient PDP and some
> > Sparcstations, but I've always worked in the Windows world − and for
> > everyday use, I've felt Windows desktop systems are clearly superior since
> > the introduction of XP. I installed it as a virtual machine for some testing
> > primarily.
> >
> > > I do have a brand new DELL T7400 quad with 4Gbs of RAM. Now I am
> > happy > I

> got
> that much of RAM for this machine. People were saying that it was just > a
> waste of money because nobody saw any performance gain with more
RAM > but
> perhaps there are moments when you need it.

There is no such thing as "too much RAM". ;)

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