

Re: Copy NTFS to Fat 32

Source:

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.general/2005-12/msg10394.html>

- *From:* "cquirke (MVP Windows shell/user)" <cquirkenews@xxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 27 Dec 2005 01:33:36 +0200
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On Sun, 25 Dec 2005 04:38:10 -0500, _DG <_DG@xxxxxxxxxx> wrote:
>On Sat, 24 Dec 2005 14:59:21 -0800, Malke <notreally@xxxxxxxxxxxxxxxx>

>>It isn't that Ubuntu "only works in FAT32". Linux does not use FAT32 as
>>a native file system. It is that it is not supported for any Linux
>>distro to *write* to NTFS. There was a Captive project to write an NTFS
>>driver for Linux, but it has been abandoned.

>I've always wondered about this. If NTFS is a superior file system,
>why does Linux support only FAT32?

FATxx is a standard, while NTFS is not. MS can, and do, change NTFS during the evolution of the NT OS family, even from one Service Pack to another, and have not documented it at the raw bytes level. Plus there's the usual licensing prohibition on "reverse engineering" to threaten anyone who tries to fill the gap that MS has created.

That's why the Capture project sought to shell the OS's own NTFS driver code, so that file system compatibility would be assured, even if this had drifted with SPs, hotfixes or whatever. The downside is that any malware or file corruption within these driver code files would be in effect (though malware might not be effective) in Linux.

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>Don't pay malware vendors – boycott Sony
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- **References:**
 - ◆ **Copy NTFS to Fat 32**
 ◇ *From:* Ed Moo
 - ◆ **Re: Copy NTFS to Fat 32**
 ◇ *From:* Malke
 - ◆ **Re: Copy NTFS to Fat 32**

◇ *From:* _DG

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