

Subject: : SmartFileSystem

Topic: : Smart FileSystem size support and limitations

Re: Smart FileSystem size support and limitations

Author: : joerg

Date: : 2007/8/20 20:24:39

URL:

@mailman

Quote:

I have an issues that really bother me. What are the limitations and what is supported by SFS 1.274 (regarding filesize)?

With DOSType SFS\0 it's the same as in all older AmigaOS versions of SFS:

Max. partition size: 128 GB, independent of the block size.

Max. file size: 4,294,967,294 bytes (4 GB - 2 bytes).

DOSType SFS\2:

Max. partition size: 1 TB * blocksize/512.

Max. file size: more than enough 😊 (more than the max. partition size).

But independent of the limits in the file system there is probably a lot of old software which fail with files \geq 2GB already, and nearly everything which doesn't use the new 64 bit dos.library functions (ExamineDir(), GetFileSize(), ChageFileSize(), GetFilePosition(), ChangeFilePosition(), ...) or the 64 bit C library I/O functions doesn't work with files \geq 4 GB.

Quote:

And one more thing. What are the advantages of *a new format with large file support* above that what was available in previous versions?

If you mean the old SmartFileSystem2 versions: They didn't work.