

Re: Improvements to src/tools/tools/recoverdisk

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/current/2006-04/msg00427.html>

- *From:* "Julian H. Stacey" <jhs@xxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 25 Apr 2006 22:20:16 +0200
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Ulrich Spoerlein wrote:

Dear Poul-Henning, current@,

I made two, what I call, improvements to recoverdisk. It only tries to read in multiples of 512 bytes OR the sectorsize. This sucks for CD/DVD with 2352 bytes sectorsize. My patch takes the native sectorsize into account, when dimensioning BIG and MEDIUMSIZE.

Second feature is the saving and loading of the worklist. Again, not very helpful for reading hard disks, but very useful for CDs. This way, you can first try a scratched CD in drive A, then drive B and drive C. You don't have to start all over again, but instead can profit from the different error recovery mechanisms.

Previously, I did this with dd(1) and paper and pencil. Not funny.

Please try the attached patch, thanks!

FYI I have a C program from 1987 to rescue data off floppies, down to literally the last bit. Compiles on DOS & BSD, runs properly only on DOS, as DOS returns the buffer even on CRC error. Unix doesn't.

<http://berklix.com/~jhs/src/bsd/jhs/bin/public/valid/>

A recovery tool I wrote for a BSD4.2 with flakey tape drive:

<http://berklix.com/~jhs/src/bsd/jhs/bin/public/slice/>

To test media &/or drivers there's

<http://berklix.com/~jhs/src/bsd/jhs/bin/public/testblock/>

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