

Re: bug in BSD tar?

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/stable/2007-05/msg00673.html>

- *From:* Colin Percival <cperciva@xxxxxxxxxxxx>
 - *Date:* Mon, 28 May 2007 20:18:59 -0700
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Steven Hartland wrote:

----- Original Message ----- From: "Colin Percival" <cperciva@xxxxxxxxxxxx>

```
tar -xvzf test.tar.gz
tar: Ignoring unknown extended header keyword
`SCHILY.dev'
tar: Ignoring unknown extended header keyword
`SCHILY.ino'
tar: Ignoring unknown extended header keyword
`SCHILY.nlink'
cantiquedeno\35311_loop.wav
tar: Error exit delayed from previous errors
```

This looks like fairly typical symptoms of gnutar being broken. What makes you think that the archive created by BSD tar was invalid?

As a filename should have no bearing on what extended headers are set.

Why not? In this case, bsdtar is detecting that the file name contains non-7-bit-ascii characters and is emitting a pax header for that reason; and since it can't suppress the pax header entirely, it goes ahead and emits the "not vital but potentially useful" headers for the device #, inode #, number of links, and high precision timestamps.

I still see no evidence that bsdtar is doing anything wrong.

Colin Percival

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