



Thomas Walker Lynch <thomas.lynch@reasoningtechnology.com>

request for comments, finding errors in the build, and using set -e

Thomas Walker Lynch <thomas.lynch@reasoningtechnology.com>

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Reply-To: thomas.lynch@reasoningtechnology.com

To: lfs-support@lists.linuxfromscratch.org

A lot of stuff flies by in the transcript while building LFS, so I was wondering how to better monitor the health of the build.

I tried searching for 'error' in the build transcript. That is sort of OK, but it is not perfect as the word appears in many contexts unrelated to a part of the build failing. Also a command could fail with a message without this keyword, or with no message at all.

A method for stopping a script upon an error is to use set -e in the shell. So I started the build with:

```
> set -e
> export SHELLOPTS
```

Following the LFS 11 stable book, on a Debian 11 build, it did indeed stop with an error on the very first build, though this error seems to be normally ignored. Attached is a tar file with full shell transcripts of the LFS 11 build up through the chapter 5 binutils configure along with the configure log. It is shown without the set -e, and with it. With the set -e, the configure command itself returns a different exit code.

Any discussion and insights into the set -e behavior appreciated. Any better understanding of the gcc -V >&5 line in the binutil configure log appreciated (I don't think gcc has a capital V option does it? and generally what is that digit 5 without a dash on the file redirect?)

And generally what do you all do to check that the build was healthy?

**binutil_sete_q.tgz**

46K