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6.35. Findutils-4.4.0 Linux From Scratch - Version 6.4 Chapter 6. Installing Basic System Software Prev Gawk-3.1.6 Next Flex-2.5.35 Up Home 6.35. Findutils-4.4.0 The Findutils package contains programs to find files. These programs are provided to recursively search through a directory tree and to create, maintain, and search a database (often faster than the recursive find, but unreliable if the database has not been recently updated). Approximate build time: 0.4 SBU Required disk space: 22 MB

6.35.1. Installation of Findutils Prepare Findutils for compilation: `./configure --prefix=/usr --libexecdir=/usr/lib/findutils \ --localstatedir=/var/lib/locate` The meaning of the configure options: `--localstatedir` This option changes the location of the locate database to be in `/var/lib/locate`, which is FHS-compliant. Compile the package: `make` To test the results, issue: `make check` Install the package: `make install` Some of the scripts in the LFS-Bootscripts package depend on `find`. As `/usr` may not be available during the early stages of booting, this program needs to be on the root partition. The `updatedb` script also needs to be modified to correct an explicit path: `mv -v /usr/bin/find /bin sed -i -e 's/find=${BINDIR}/find=/bin/' /usr/bin/updatedb`

6.35.2. Contents of Findutils Installed programs: `bigram`, `code`, `find`, `frcode`, `locate`, `updatedb`, and `xargs` Short Descriptions `bigram` Was formerly used to produce locate databases `code` Was formerly used to produce locate databases; it is the ancestor of `frcode`. `find` Searches given directory trees for files matching the specified criteria `frcode` Is called by `updatedb` to compress the list of file names; it uses front-compression, reducing the database size by a factor of four to five. `locate` Searches through a database of file names and reports the names that contain a given string or match a given pattern `updatedb` Updates the locate database; it scans the entire file system (including other file systems that are currently mounted, unless told not to) and puts every file name it finds into the database `xargs` Can be used to apply a given command to a list of files Prev Gawk-3.1.6 Next Flex-2.5.35 Up Home

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