Linux From Scratch - Version 12.1-systemd		
Chapter 8. Instqlling Basic System Software		
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Meson-1.3.2	Check-0.15.2

8.57. Coreutils-9.4

Coreutils   .

- : 1.0 SBU
- : 175 MB

8.57.1. Coreutils

POSIX   Coreutils   .

                                                             .

```
patch -Np1 -i ../coreutils-9.4-i18n-1.patch
```

> . Coreutils
>
>   .

split   .

```
sed -e '/n_out += n_hold/,+4 s|.*bufsize.*|//&|' \
    -i src/split.c
```

Coreutils   .

```
autoreconf -fiv
FORCE_UNSAFE_CONFIGURE=1 ./configure \
            --prefix=/usr              \
            --enable-no-install-program=kill,uptime
```

configure

- **autoreconf**

                                                             .

- **force_unsafe_configure=1**

.

- **–enable-no-install-program=kill, uptime**

Coreutils   .

.

```
make
```

"   "   .

.   *root*   .

```
make NON_ROOT_USERNAME=tester check-root
```

tester   .
.   *tester*
.

```
groupadd -g 102 dummy -U tester
```

root   .

```
chown -R tester .
```

[1)](#)
.

```
su tester -c "PATH=$PATH make RUN_EXPENSIVE_TESTS=yes check"
```

.

```
groupdel dummy
```

.

```
make install
```

FHS   .

```
mv -v /usr/bin/chroot /usr/sbin
```

```
mv -v /usr/share/man/man1/chroot.1 /usr/share/man/man8/chroot.8
sed -i 's/"1"/"8"/' /usr/share/man/man8/chroot.8
```

8.57.2. Coreutils

- :
  [, b2sum, base32, base64, basename, basenc, cat, chcon, chgrp, chmod, chown, chroot, cksum, comm, cp, csplit, cut, date, dd, df, dir, dircolors, dirname, du, echo, env, expand, expr, factor, false, fmt, fold, groups, head, hostid, id, install, join, link, ln, logname, ls, md5sum, mkdir, mkfifo, mknod, mktemp, mv, nice, nl, nohup, nproc, numfmt, od, paste, pathchk, pinky, pr, printenv, printf, ptx, pwd, readlink, realpath, rm, rmdir, runcon, seq, sha1sum, sha224sum, sha256sum, sha384sum, sha512sum, shred, shuf, sleep, sort, split, stat, stdbuf, stty, sum, sync, tac, tail, tee, test, timeout, touch, tr, true, truncate, tsort, tty, uname, unexpand, uniq, unlink, users, vdir, wc, who, whoami, and yes

- :
  libstdbuf.so (in /usr/libexec/coreutils)

- :
  /usr/libexec/coreutils

- **[**
  /usr/bin/[; **test** .
- **base32**
  base32 (RFC 4648) .
- **base64**
  base64 (RFC 4648) .
- **b2sum**
  BLAKE2(512) .
- **basename**

  .
- **basenc**

  .
- **cat**

  .
- **chcon**

- **chgrp**

  .
- **chmod**

  .
  8 .
- **chown**

  .
- **chroot**
  " /" .
- **cksum**
  (CRC) .
- **comm**

다.

- **cp**

- **csplit**

다.

- **cut**

다.

- **date**

다.

- **dd**

다.

- **df**

(
)   다.
- **dir**

(ls   ).
- **dircolors**
  ls   LS_COLOR   .
- **dirname**

다.

- **du**

,   (   )
다.

- **echo**

- **env**

- **expand**

- **expr**

- **factor**

다.

- **false**

,   다.
- **fmt**

다.

- **fold**

다.

- **groups**

다.

- **head**

10   (   )   다.
- **hostid**

(16   )   다.
- **id**

ID,   ID   .
- **install**

다.

- **join**

다.

- **link**

(   )   다.
- **ln**

(   )   .

- **logname**
  .
- **ls**

- **md5sum**
            5(MD5)   .
- **mkdir**
              .

- **mkfifo**
              FIFO(First-In, First-Out),   UNIX   "   "   .
- **mknod**
                        ;   ,   FIFO
  .

- **mktemp**
                        ;   .

- **mv**
                  .

- **nice**
            .

- **nl**

- **nohup**
                                          .

- **nproc**
              .

- **numfmt**
        .

- **od**
  8   .
- **paste**
                                          .

- **pathchk**
              .

- **pinky**
        finger   ,   .
- **pr**
            .

- **printenv**

- **printf**
  C printf   .
- **ptx**
                                    .

- **pwd**
        .

- **readlink**
        .

- **realpath**

- **rm**

- **rmdir**

- **runcon**

- **seq**

- **sha1sum**
  160   1(SHA1)   .
- **sha224sum**
  224   .
- **sha256sum**
  256   .
- **sha384sum**
  384   .
- **sha512sum**
  512   .
- **shred**

- **shuf**

- **sleep**

- **sort**

- **split**

- **stat**

- **stdbuf**

- **stty**

- **sum**

- **sync**
  ,

  .
- **tac**

- **tail**
  10   (   )   .
- **tee**
- **test**

- **timeout**

- **touch**
  ,
  0   .
- **tr**
  ,   .
- **true**
  ,   .
- **truncate**
  .
- **tsort**
  .   .
- tty

.

- **uname**

- **unexpand**

- **uniq**

.

- **unlink**

.

- **users**

.

- **vdir**
  ls -l .

- **wc**

, ,

.

- **who**

.

- **whoami**

ID .

- **yes**

y .

- libstdbuf
  stdbuf

—-

2024 5 24
Coreutils   test-getlogin   test/tty/tty.sh

.

.

[1]

            sudo   .