Linux From Scratch - Version 12.1-systemd		
Chapter 7. Entering Chroot and Building Additional Temporary Tools		
	/	
	Gettext-0.22.4	

7.6.

Linux /etc/mtab   .
/proc   . /etc/mtab
                              .

```
ln -sv /proc/self/mounts /etc/mtab
```

Perl   /etc/hosts   .

```
cat > /etc/hosts << EOF
127.0.0.1  localhost $(hostname)
::1        localhost
EOF
```

root/   "root"   /etc/passwd   /etc/group
                  .

        /etc/passwd   :

```
cat > /etc/passwd << "EOF"
root:x:0:0:root:/root:/bin/bash
bin:x:1:1:bin:/dev/null:/usr/bin/false
daemon:x:6:6:Daemon User:/dev/null:/usr/bin/false
messagebus:x:18:18:D-Bus Message Daemon User:/run/dbus:/usr/bin/false
systemd-journal-gateway:x:73:73:systemd Journal Gateway:/:/usr/bin/false
systemd-journal-remote:x:74:74:systemd Journal Remote:/:/usr/bin/false
systemd-journal-upload:x:75:75:systemd Journal Upload:/:/usr/bin/false
systemd-network:x:76:76:systemd Network Management:/:/usr/bin/false
systemd-resolve:x:77:77:systemd Resolver:/:/usr/bin/false
systemd-timesync:x:78:78:systemd Time Synchronization:/:/usr/bin/false
systemd-coredump:x:79:79:systemd Core Dumper:/:/usr/bin/false
uuidd:x:80:80:UUID Generation Daemon User:/dev/null:/usr/bin/false
systemd-oom:x:81:81:systemd Out Of Memory Daemon:/:/usr/bin/false
nobody:x:65534:65534:Unprivileged User:/dev/null:/usr/bin/false
EOF
```

root   .

/etc/group   .

```
cat > /etc/group << "EOF"
root:x:0:
bin:x:1:daemon
sys:x:2:
kmem:x:3:
tape:x:4:
tty:x:5:
daemon:x:6:
floppy:x:7:
disk:x:8:
lp:x:9:
dialout:x:10:
audio:x:11:
video:x:12:
utmp:x:13:
cdrom:x:15:
adm:x:16:
messagebus:x:18:
systemd-journal:x:23:
input:x:24:
mail:x:34:
kvm:x:61:
systemd-journal-gateway:x:73:
systemd-journal-remote:x:74:
systemd-journal-upload:x:75:
systemd-network:x:76:
systemd-resolve:x:77:
systemd-timesync:x:78:
systemd-coredump:x:79:
uuidd:x:80:
systemd-oom:x:81:
wheel:x:97:
users:x:999:
nogroup:x:65534:
EOF
```

,   9   Udev   ,
        Linux   .
                              . Linux   (LSB   )   ID(GID)   0   *root*
        GID   1   *bin*   . GID 5   *tty*   5
systmed   *devpts*   .   GID
                    ,   GID
    .

ID 65534   NFS   (NFS
                                            "   ")

. LFS ID *nobody* *nogroup* .
ID
.

[8] .
.

```
echo "tester:x:101:101::/home/tester:/bin/bash" >> /etc/passwd
echo "tester:x:101:" >> /etc/group
install -o tester -d /home/tester
```

"I have no name!" . /etc/passwd /etc/group
.

```
exec /usr/bin/bash --login
```

login, **agetty**, **init** ( )
.
. .

```
touch /var/log/{btmp,lastlog,faillog,wtmp}
chgrp -v utmp /var/log/lastlog
chmod -v 664  /var/log/lastlog
chmod -v 600  /var/log/btmp
```

var/log/wtmp . var/log/lastlog
. var/log/faillog
. var/log/btmp .

wtmp, btmp lastlog 32 2038
.
. .