

```
TightVNC Viewer
Ctrl Alt
Menu pi@queen: ~ pi@queen: ~/git
pi@queen: ~/git
File Edit Tabs Help
pi@queen:~ $ git clone https://github.com/git/git.git
fatal: destination path 'git' already exists and is not an empty directory.
pi@queen:~ $ cd git
pi@queen:~/git $ ls
abspath.c          git-mergetool--lib.sh  quote.c
aclocal.m4         git-mergetool.sh      quote.h
advice.c           git-p4.py             reachable.c
advice.h           git-parse-remote.sh  reachable.h
alias.c            git-quiltimport.sh   read-cache.c
alloc.c            git.rc                README.md
apply.c            git-rebase--am.sh    ref-filter.c
apply.h            git-rebase--interactive.sh  ref-filter.h
archive.c          git-rebase--merge.sh  reflog-walk.c
archive.h          git-rebase.sh         reflog-walk.h
archive-tar.c      git-relink.perl       refs
archive-zip.c      git-remote-testgit.sh  refs.c
argv-array.c       git-request-pull.sh   refs.h
argv-array.h       git-send-email.perl   RelNotes
attr.c             git-sh-i18n.sh        remote.c
attr.h             git-sh-setup.sh       remote-curl.c
base85.c           git-stash.sh          remote.h
bisect.c           git-submodule.sh     remote-testsvn.c
bisect.h           git-svn.perl          replace_object.c
blob.c             GIT-VERSION-FILE     rerere.c
blob.h             GIT-VERSION-GEN      rerere.h
block-sha1         gitweb                resolve-undo.c
branch.c           git-web--browse.sh   resolve-undo.h
branch.h           gpg-interface.c      revision.c
builtin            gpg-interface.h      revision.h
builtin.h          graph.c               run-command.c
bulk-checkin.c     graph.h               run-command.h
bulk-checkin.h     grep.c                send-pack.c
bundle.c           grep.h                send-pack.h
bundle.h           hashmap.c             sequencer.c
cache.h            hashmap.h             sequencer.h
cache-tree.c       help.c                server-info.c
cache-tree.h       help.h                setup.c
```

GIT CLONED

```

git-merge-octopus.sh      progress.h                zlib.c
git-merge-one-file.sh    prompt.c
git-merge-resolve.sh     prompt.h
pi@queen:~/git $ make prefix=/usr
  CC credential-store.o
In file included from cache.h:4:0,
                  from credential-store.c:1:
git-compat-util.h:280:25: fatal error: openssl/ssl.h: No such file or directory
#include <openssl/ssl.h>
^
compilation terminated.
Makefile:1985: recipe for target 'credential-store.o' failed
make: *** [credential-store.o] Error 1
pi@queen:~/git $ sudo make prefix=/usr install
  CC credential-store.o
In file included from cache.h:4:0,
                  from credential-store.c:1:
git-compat-util.h:280:25: fatal error: openssl/ssl.h: No such file or directory
#include <openssl/ssl.h>
^
compilation terminated.
Makefile:1985: recipe for target 'credential-store.o' failed
make: *** [credential-store.o] Error 1
pi@queen:~/git $ git --version
git version 2.1.4
pi@queen:~/git $ clear
pi@queen:~/git $ cd
pi@queen:~ $ sudo apt-get install libcurl4-gnutls-dev libexpat1-dev gettext libz
-dev libssl-dev
Reading package lists... Done
Building dependency tree
Reading state information... Done
Note, selecting 'zlib1g-dev' instead of 'libz-dev'
libcurl4-gnutls-dev is already the newest version.
libexpat1-dev is already the newest version.
libexpat1-dev set to manually installed.

```

Make prefix terminated, fixing problem ///Installing missing directory/file

```
Setting up libgettextpo-dev:armhf (0.19.3-2) ...
Setting up libssl-dev:armhf (1.0.1t-1+deb8u5) ...
Setting up libssl-doc (1.0.1t-1+deb8u5) ...
Processing triggers for libc-bin (2.19-18+deb8u6) ...
pi@queen:~ $ cd git
pi@queen:~/git $ sudo make prefix=/usr install
  CC credential-store.o
  * new link flags
  CC common-main.o
  CC abspath.o
  CC advice.o
  CC alias.o
  CC alloc.o
  CC apply.o
  CC archive.o
  CC archive-tar.o
  CC archive-zip.o
  CC argv-array.o
  * new prefix flags
  CC attr.o
  CC base85.o
  CC bisect.o
  CC blob.o
  CC branch.o
  CC bulk-checkin.o
  CC bundle.o
  CC cache-tree.o
  CC color.o
  CC column.o
  CC combine-diff.o
```

Installing missing packages.

```

-pack git-shortlog git-show-branch git-show-ref git-strip-space git-submodule-helper git-symbolic-ref
git-tag git-unpack-file git-unpack-objects git-update-index git-update-ref git-update-server-info gi
t-upload-archive git-var git-verify-commit git-verify-pack git-verify-tag git-worktree git-write-tree
git-cherry git-cherry-pick git-format-patch git-fsck-objects git-init git-merge-subtree git-show git
-stage git-status git-whatchanged; do \
    rm -f "$execdir/$p" && \
    test -z "" && \
    ln "$execdir/git" "$execdir/$p" 2>/dev/null || \
    ln -s "git" "$execdir/$p" 2>/dev/null || \
    cp "$execdir/git" "$execdir/$p" || exit; \
done && \
remote_curl_aliases="git-remote-https git-remote-ftp git-remote-ftps" && \
for p in $remote_curl_aliases; do \
    rm -f "$execdir/$p" && \
    test -z "" && \
    ln "$execdir/git-remote-http" "$execdir/$p" 2>/dev/null || \
    ln -s "git-remote-http" "$execdir/$p" 2>/dev/null || \
    cp "$execdir/git-remote-http" "$execdir/$p" || exit; \
done && \
./check_bindir "z$bindir" "z$execdir" "$bindir/git-add"
pi@queen:~/git $ make prefix=/usr
mv: replace 'perl/PM.stamp', overriding mode 0644 (rw-r--r--)?
SUBDIR git-gui
SUBDIR gitk-git
SUBDIR perl
SUBDIR templates
pi@queen:~/git $
pi@queen:~/git $ git --version
git version 2.10.0.440.g21f862b
pi@queen:~/git $ █

```

Successfully running the make prefix=/usr and running the git version 2.10.0