Lab 4 DevOps

Make building Git


```
CC t/helper/test-xml-encode.o
CC t/helper/test-zlib.o
CC t/unit-tests/test-lib.o
GEN bin-wrappers/git
GEN bin-wrappers/scalar
GEN bin-wrappers/git-receive-pack
GEN bin-wrappers/git-shell
GEN bin-wrappers/git-upload-archive
GEN bin-wrappers/git-upload-pack
GEN bin-wrappers/git-cvsserver
GEN bin-wrappers/test-fake-ssh
GEN bin-wrappers/test-tool
LINK t/helper/test-fake-ssh
* new test suites
LINK t/helper/test-tool
GEN t/unit-tests/clar-decls.h
GEN t/unit-tests/clar.suite
CC t/unit-tests/u-ctype.o
CC t/unit-tests/u-dir.o
CC t/unit-tests/u-example-decorate.o
CC t/unit-tests/u-hash.o
CC t/unit-tests/u-hashmap.o
CC t/unit-tests/u-mem-pool.o
CC t/unit-tests/u-oid-array.o
CC t/unit-tests/u-oidmap.o
CC t/unit-tests/u-oidtree.o
CC t/unit-tests/u-prio-queue.o
CC t/unit-tests/u-reftable-basics.o
CC t/unit-tests/u-reftable-block.o
CC t/unit-tests/u-reftable-merged.o
CC t/unit-tests/u-reftable-pq.o
CC t/unit-tests/u-reftable-readwrite.o
CC t/unit-tests/u-reftable-stack.o
CC t/unit-tests/u-reftable-table.o
CC t/unit-tests/u-reftable-tree.o
CC t/unit-tests/u-strbuf.o
CC t/unit-tests/u-strcmp-offset.o
CC t/unit-tests/u-string-list.o
CC t/unit-tests/u-strvec.o
CC t/unit-tests/u-trailer.o
CC t/unit-tests/u-urlmatch-normalization.o
CC t/unit-tests/clar/clar.o
CC t/unit-tests/lib-oid.o
CC t/unit-tests/lib-reftable.o
CC t/unit-tests/unit-test.o
MKDIR -p t/unit-tests/bin
LINK t/unit-tests/bin/unit-tests
GEN gitweb/static/gitweb.js
GEN gitweb/gitweb.cgi
```

Additional Screenshots

```
  done; \
} && \
for p in git-receive-pack git-upload-archive git-upload-pack; do \
        rm -f "$bindir/$p" && \
        test -n "" && \
        ln -s "git" "$bindir/$p" || \
        { test -z "" && \
          ln "$bindir/git" "$bindir/$p" 2>/dev/null || \
          ln -s "git" "$bindir/$p" 2>/dev/null || \
          cp "$bindir/git" "$bindir/$p" || exit; }; \
done && \
for p in git-add git-am git-annotate git-apply git-archive git-backfill git-bisec
-check-ignore git-check-mailmap git-check-ref-format git-checkout--worker git-che
mmit-tree git-commit git-config git-count-objects git-credential-cache--daemon gi
e git-diff-files git-diff-index git-diff-pairs git-diff-tree git-diff git-difftoo
t-for-each-ref git-for-each-repo git-fsck git-fsmonitor--daemon git-gc git-get-ta
db git-interpret-trailers git-last-modified git-log git-ls-files git-ls-remote gi
dex git-merge-ours git-merge-recursive git-merge-tree git-merge git-mktag git-mkt
k-redundant git-pack-refs git-patch-id git-prune-packed git-prune git-pull git-pus
 git-remote-ext git-remote-fd git-remote git-repack git-replace git-replay git-re
ack git-shortlog git-show-branch git-show-index git-show-ref git-sparse-checkout
ack-file git-unpack-objects git-update-index git-update-ref git-update-server-inf
git-verify-tag git-worktree git-write-tree git-cherry git-cherry-pick git-format-
it-show git-stage git-status git-switch git-version git-whatchanged; do \
        rm -f "$execdir/$p" && \
        if test -z ""; \
        then \
                test -n "" && \
                ln -s "$destdir_from_execdir_SQ/bin/git" "$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; }; \
        fi \
done && \
remote_curl_aliases="" && \
for p in $remote_curl_aliases; do \
        rm -f "$execdir/$p" && \
        test -n "" && \
        ln -s "git-remote-http" "$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
```

Git Version:

```
nebris@nebris-serv:~/git-install/bin$ git --version
git version 2.43.0
```

Link to GitHub with the Makefile and C files for the Conway game
https://github.com/Nebr1s/DevOps

all other labs are under a different branch (I'm having issues with the VM that keeps crashing my laptop, so it's been a bit unstable to upload everything however under the vagrant branch, all previous labs should be there)