

Work Flow: Super Quick Start

These unix commands built and ran the model on a supported machine named “yellowstone”

```
# go to root directory of source code download
cd /glade/p/cesm/tutorial/cesm1_2_0.tutorial/

# go into scripts subdir
cd scripts

# (1)make a subdirectory for your cases in your home dir and create a new case
mkdir ~/cases
./create_newcase -case ~/cases/b.day1.0 -res T31_g37 -compset B_1850_CN -mach
yellowstone

# go into the case you just created in the last step
cd ~/cases/b.day1.0/

# (2) invoke cesm_setup
./cesm_setup

# (3) build the executable
./b.day1.0.build

# (4) submit an initial run to the batch queue
./b.day1.0.submit

# check status of job and output files
bjobs

source Tools/ccsm_getenv
ls -lft $RUNDIR
ls -l logs

# when the initial run finishes, change to a continuation run
./xmlchange CONTINUE_RUN=TRUE

# (5) submit a continuation run to the batch queue
./b.day1.0.submit

# check status of job and output files
bjobs
ls -l logs
```