CTSM/CLM Git Model Development Workflow

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What's going on?

- All CESM components except POP are moving to git/GitHub
- All land components are now public
- CLM is now on GitHub under CTSM
  - Currently, CTSM = CLM
  - Soon, CTSM will become broader
  - The CLM name will remain, denoting a certain set of physics options within CTSM
Why git/GitHub?

• Git via GitHub is becoming the standard for open source collaboration

• Great collaborative tools for code development and review

• Integration of code, issues and project management creates greater transparency

• Distributed version control makes it easier for anyone in the community to keep their developments in version control
Quick start

CTSM on GitHub:
https://github.com/escomp/ctsm

Obtaining the code:

```
git clone -b release-clm5.0 https://github.com/ESCOMP/ctsm.git clm5.0
cd clm5.0
./manageExternals/checkout_externals
```

For more information:

https://github.com/ESCOMP/ctsm/wiki

http://www.cesm.ucar.edu/models/cesm2.0/land/

https://escomp.github.io/ctsm-docs/