CCSI² Open Source Toolset

Keith Beattie, Val Hendrix, Deb Agarwal ***Lawrence Berkeley National Lab***

A ***successful open source project*** builds a ***vibrant community*** through clearly communicated best practices used in combination with open source tools

An open source platform is the ***central location*** where the project is managed.

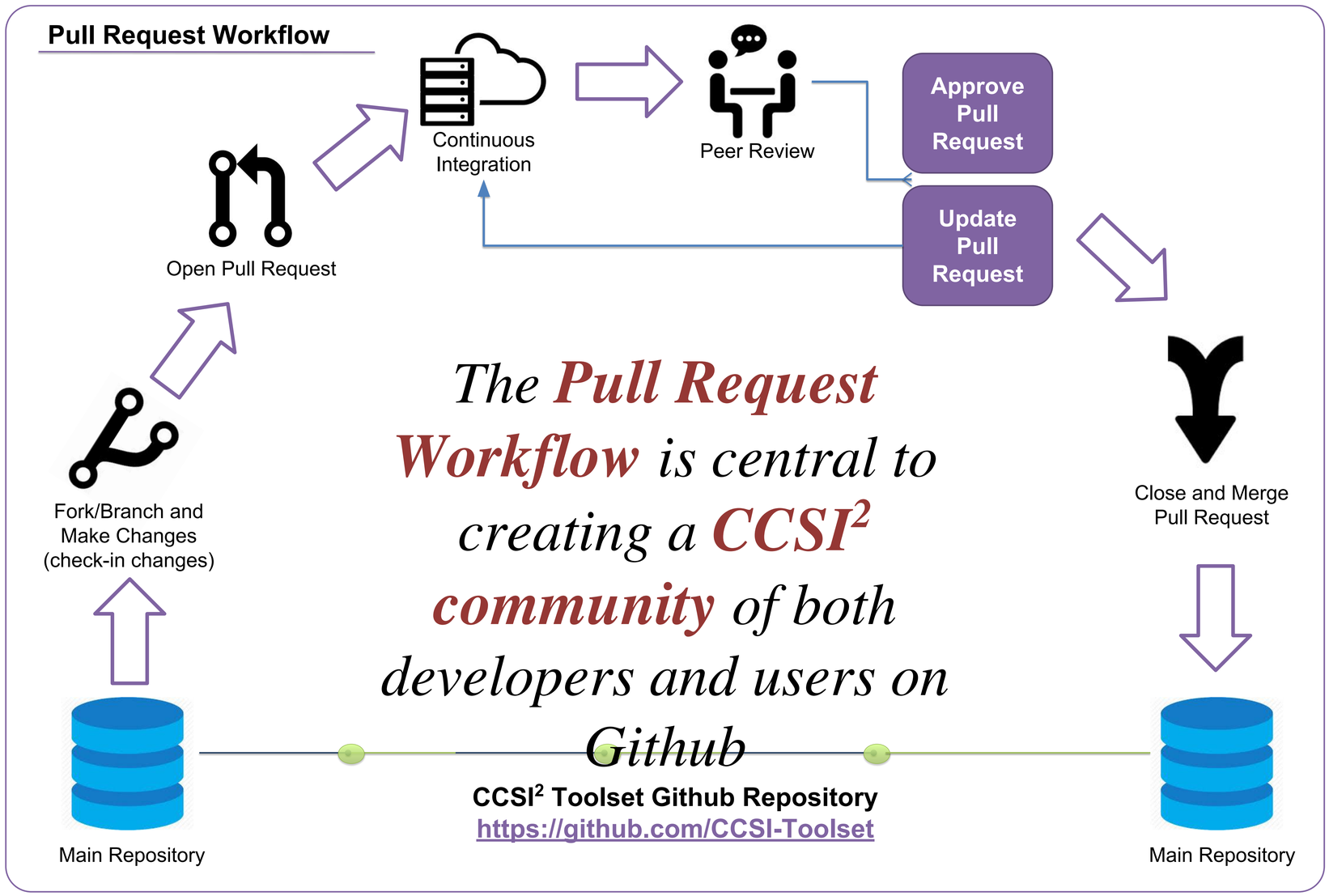
It is where you ***interact with the community***, submit changes etc.

CCSI² Toolset is ***now fully available*** as open source.

- Github ***open source platform*** for version control, issue tracking, user management & engagement
- *Cloud-based* ***testing platforms*** such as Circle CI will be integrated with Github

circleci

Contact:
Keith Beattie, LBNL, ksbeattie@lbl.gov
Val Hendrix, LBNL, vchendrix@lbl.gov



CCSI² Open Source Goal -- Make sure organizations who are using CCSI products have access and can ***continue product development*** going forward.

Open Source means ..

People are free to run, examine, modify and optionally contribute because internals are publicly available

Facilitates the exchange of ideas, collaboration, broad usage and community-oriented development.

Users must accept the terms of the open source license

Four main components to building a vibrant CCSI² open source community

1. ***Active development*** that happens in the CCSI Github repositories
2. CCSI² Product Repository ***owners/maintainers***
   - Review/Approve code changes
   - Manage Issues
3. Clearly communicate ***best practices*** for contributions
4. Documentation, Testing and User Support

NATIONAL ENERGY TECHNOLOGY LABORATORY · BERKELEY LAB · Lawrence Livermore National Laboratory · Los Alamos NATIONAL LABORATORY EST. 1943 · Pacific Northwest NATIONAL LABORATORY · U.S. DEPARTMENT OF ENERGY