

Creating a new branch.

0. git checkout darshan-sprint2

Establish the branch as the main node.

1. git push origin [branch]

Switch back to Master branch

2. git checkout master

Grabs updates from the Master to update branch head to remote hash

3. git pull --rebase

If branch is different enough to create merge conflicts

4. git checkout darshan-sprint2

Transitions darshan-sprint2 to master branch.

5. git rebase master

Bring the base of the darshan-sprint2 up to date, possible conflicts.

(6.) git mergetool / git rebase --continue

Switch back to master branch with new head.

7. git checkout master

Merge the branch without updating the branch timeline or doing a pull request from

--no-ff - no fast forward

8. git merge --no-ff [branch]

Delete branch after merge is successful.

9. git branch -d [branch]

Delete the branch on local computer.

10. git push origin :[branch]

Push all updates to master.
11. git push origin master