**git class for working in devtopia git commands**

**Clone this wiki locally**

https://devtopia.esri.com/devtopia/git-class.wiki.git

first “**fork**” the repo on devtopia (gui).

clone remote repo: cd to a working folder and enter:

git clone <paste the git SSH URL>

cd git\_class

[Create working branch when you start a task](https://devtopia/devtopia/git-class/wiki/git-class-for-working-in-devtopia" \l "21-now-create-the-branch)

git checkout -b <YourLogin>\_Issue1\_esriText

[Now push the branch to the repo on devtopia as a public backup](https://devtopia/devtopia/git-class/wiki/git-class-for-working-in-devtopia" \l "22-now-push-the-branch-to-the-repo-on-devtopia-as-a-public-backup)

git push origin <YourLogin>\_Issue1\_esriText

[Checkout branch to context switch in your workspace](https://devtopia/devtopia/git-class/wiki/git-class-for-working-in-devtopia" \l "checkout-branch-to-context-switch-in-your-workspace)

git checkout <local\_branch\_name>

[Add you disk file change to the stage index](https://devtopia/devtopia/git-class/wiki/git-class-for-working-in-devtopia" \l "32-add-disk-file-changes-to-the-stage-index)

git status

git add .

[Commit your file change into the local branch](https://devtopia/devtopia/git-class/wiki/git-class-for-working-in-devtopia" \l "33-commit-your-file-change-into-the-local-git-repo)

git commit -m "change text to Hello esri"

[Push your work into the remote working branch](https://devtopia/devtopia/git-class/wiki/git-class-for-working-in-devtopia" \l "34-push-your-work-into-the-remote-working-branch)

git push origin <YourLogin>\_Issue1\_esriText

[Pull origin master into the local master](https://devtopia/devtopia/git-class/wiki/git-class-for-working-in-devtopia" \l "4-periodically-merge-changes-from-the-remote-master-branch-to-your-local-working-branch)

git pull origin master

[Merge local master into local working branch](https://devtopia/devtopia/git-class/wiki/git-class-for-working-in-devtopia" \l "4-periodically-merge-changes-from-the-remote-master-branch-to-your-local-working-branch)

git checkout <YourLogin>\_Issue1\_esriText

git merge master