Git for Delta Team

What are we looking for?

- Minimal knowledge to update and work around internal code.
- We'll working mostly with github.com
- bitbucket.com is a nice tool
- We want everybody coding.
- This is the first training of the series.

Links

Interesting link you may want to look at:
https://training.github.com/kit/

Recommended: https://training.github.com/kit/courses/github-for-developers.html

Atlasian is also very good: https://www.atlassian.com/git/

Thesaurus

- Repository

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- Repository

- Branch

Basic actions

- clone

Basic actions

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- fork

Basic actions

- clone

- fork

- merge

Basic actions

- clone

- fork

- merge

- pull request

Basic actions

- clone

- fork

- merge

- pull request

- push/pull

Basic actions

- clone

- fork

- merge

- pull request

- push/pull

- commit

Default files

- README.md (It's a markdown file)
- .gitignore

Init a repo from start

- Do not add a README.md when creating a new repository in Github if you already have a folder with files.

```
git init
```

Clone repos

- Clone a repo:

```
git clone <github URL>
```

Changing the Branch

```
git checkout <branchname>
```

You can list all the branches with:

```
git branch
```

Create a new branch?

```
git branch newbranch
```

Save your changes

Adding a new file into the repo

```
git add <theNewFile>
git commit [-a]
git push
```

It failed? Did you pull?

```
git pull
```

Hands-on!

Already created a repo at:
https://github.com/calvo-pythian/delta_git_training If you have
your ssh key configured properly:
git@github.com:calvo-pythian/delta_git_training.git

Create a new repository on the command line

```
echo "# delta_git_training" >> README.md
git init
git add README.md
git commit -m "first commit"
git remote add origin https://github.com/calvo-pythian/delt
git push -u origin master
```

Push an existing repository from the command line

```
git remote add origin https://github.com/calvo-pythian/delt
git push -u origin master
```

Task 1

Please create a new branch on this repo. Call it as you want.

Task 2

Add a file. Commit and push the file.

Task 3

Please fork the entire repo in your profile.

Done!

- Now you are able to work in a basic mode with any repo around there.