



CSS Basic Rules - Part#3

Sesiunea 9 - 20/05/2021



/Solution: Blockchain\



Git: About

- Distributed version control system
- Avoid sending files back and forth
- Easy context switching
- Feature based workflow
- Work easily and in parallel as a team
- Via UI or CMD
- **We need to install it** (add it to the system)



GitHub: About

- Provides hosting for software development and version control using Git
- It is a community of developers
- Repository creation and update
- **We need an account**



GitHub Desktop: About

- Bridge between your local code and Github remote version
- Update code
- Share code
- **We need to download it**



Git Basics

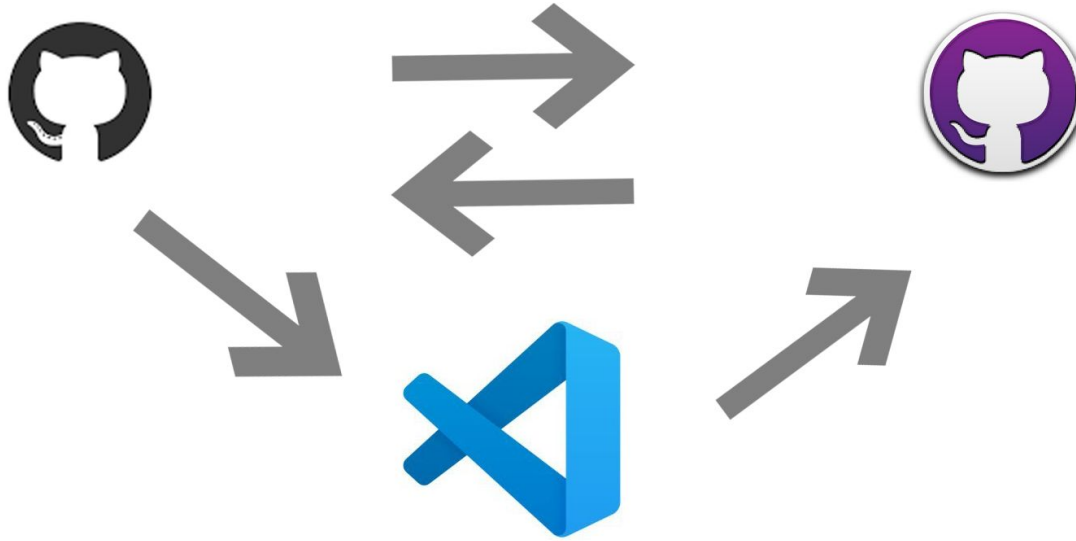
- **init:** create an empty git repository
- **clone:** clone a repository into a new directory
- **add:** add files for the upcoming commit
- **commit:** record changes to the repository
- **branch:** list/create/delete branches
- **checkout:** switch branches
- **pull:** fetch from another repository
- **push:** update remote repository



Basic Workflow

- Create repository on GitHub (each layout should have its' own repository)
- Clone repository
 - Open with GitHub Desktop (available from GitHub)
 - Add to Workspace (using VS or your editor of choice)
- Start developing (in that folder that you cloned)
- commit&push your code (you don't have to do it all at once)
- share repository link
- Fetch/pull changes
- Add collaborators to your projects

Basic Workflow: schema



Git Basics - cmd: add

Functionality: Add file/files queued for commit

```
git add index.html main.css
```

```
git add * (adds all modified files queued for commit)
```

Git Basics - cmd: commit

Functionality: Record changes to the repository (push cmd is still required before having the changes available on the remote repository)

```
git commit -m "Created index.html and main.css files"
```

Git Basics - cmd: push

Functionality: Update remote repository

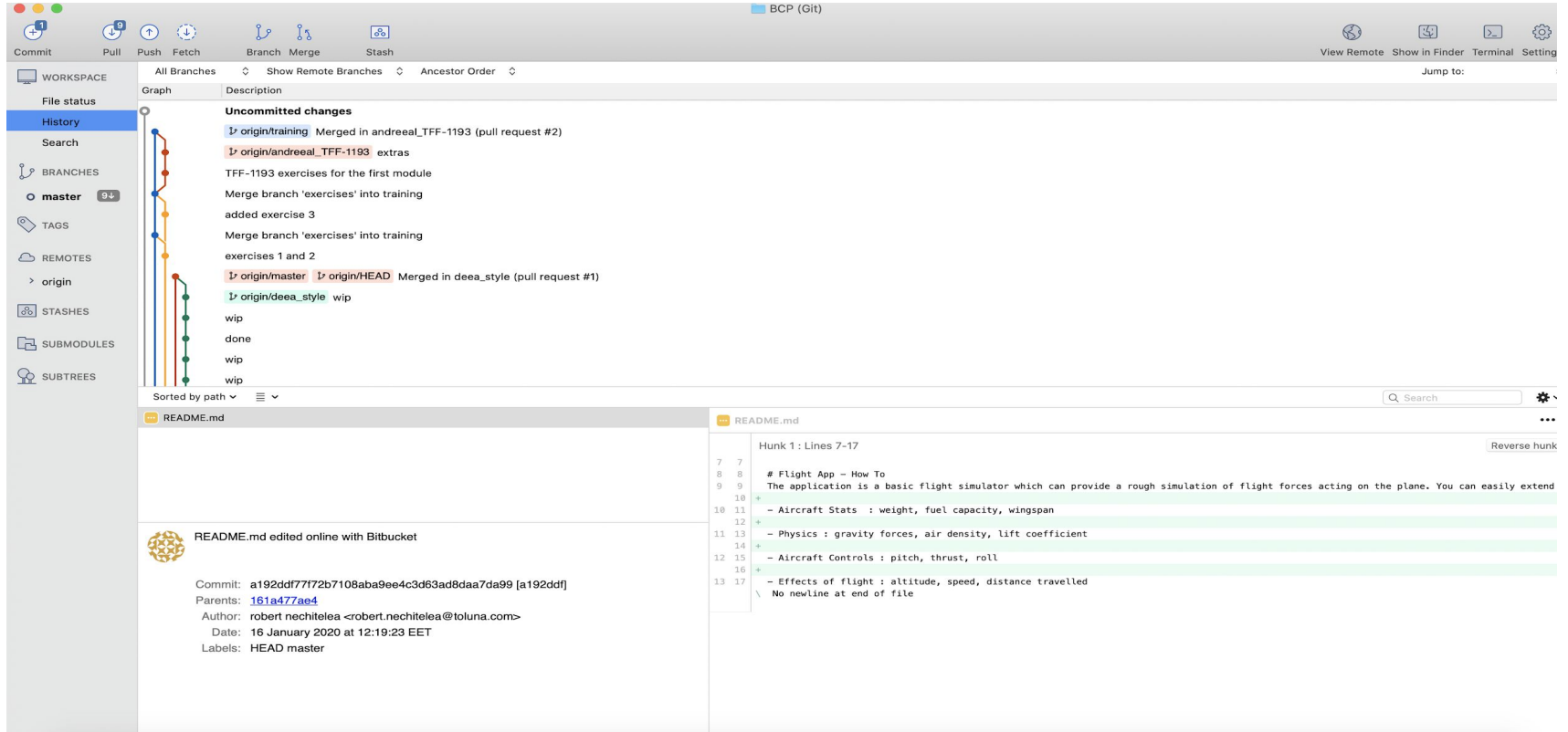
```
git push origin master
```

Git Basics - cmd: pull

Functionality: Fetch from origin/remote repository and integrate with a local branch

```
git pull origin master
```

Git Basics - visually (Source Tree tool)



BCP (Git)

Commit Pull Push Fetch Branch Merge Stash

View Remote Show in Finder Terminal Setting

Jump to:

WORKSPACE

File status

History

Search

BRANCHES

master 9+

TAGS

REOTES

origin

STASHES

SUBMODULES

SUBTREES

All Branches Show Remote Branches Ancestor Order

Graph Description

Uncommitted changes

- origin/training Merged in andreeal_TFF-1193 (pull request #2)
- origin/andreeal_TFF-1193 extras
- TFF-1193 exercises for the first module
- Merge branch 'exercises' into training
- added exercise 3
- Merge branch 'exercises' into training
- exercises 1 and 2
- origin/master origin/HEAD Merged in deea_style (pull request #1)
- origin/deea_style wip
- wip
- done
- wip
- wip

Sorted by path

README.md

README.md edited online with Bitbucket

Commit: a192ddf7f72b7108aba9ee4c3d63ad8daa7da99 [a192ddf]

Parents: 161a477ae4

Author: robert nechitelea <robert.nechitelea@toluna.com>

Date: 16 January 2020 at 12:19:23 EET

Labels: HEAD master

README.md

Hunk 1 : Lines 7-17

```


7 7
8 8 # Flight App - How To
9 9 The application is a basic flight simulator which can provide a rough simulation of flight forces acting on the plane. You can easily extend
10 10
11 11 - Aircraft Stats : weight, fuel capacity, wingspan
12 12
13 13 - Physics : gravity forces, air density, lift coefficient
14 14
15 15 - Aircraft Controls : pitch, thrust, roll
16 16
17 17 - Effects of flight : altitude, speed, distance travelled
  No newline at end of file

```




Conclusion

- GitHub is not used as a cloud platform (you should not manually upload zips here)
- We want a distributed version control system
- We won't replace slack zips with github links
- We want to ease up collaboration

Important: allow writing on your repo



[Pull requests](#)
[Issues](#)
[Marketplace](#)
[Explore](#)

[roxpopescu / repo](#)


Unwatch 1
 Star 0
 Fork 0

[Code](#)
[Issues](#)
[Pull requests](#)
[Actions](#)
[Projects](#)
[Wiki](#)
[Security](#)
[Insights](#)
[Settings](#)

Options
 Manage access
 Security & analysis
 Branches
 Webhooks
 Notifications
 Integrations
 Deploy keys
 Secrets
 Actions


Moderation
 Interaction limits

Who has access

PUBLIC REPOSITORY
 


This repository is public and visible to anyone.

[Manage](#)

DIRECT ACCESS
 

0 collaborators have access to this repository. Only you can contribute to this repository.

Manage access



You haven't invited any collaborators yet

[Invite a collaborator](#)

Practice today

- config git
 - push from GitHub Desktop
 - share link
 - fetch/push changes applied to your repo
-
- add existing project to your repo





/Assignment\

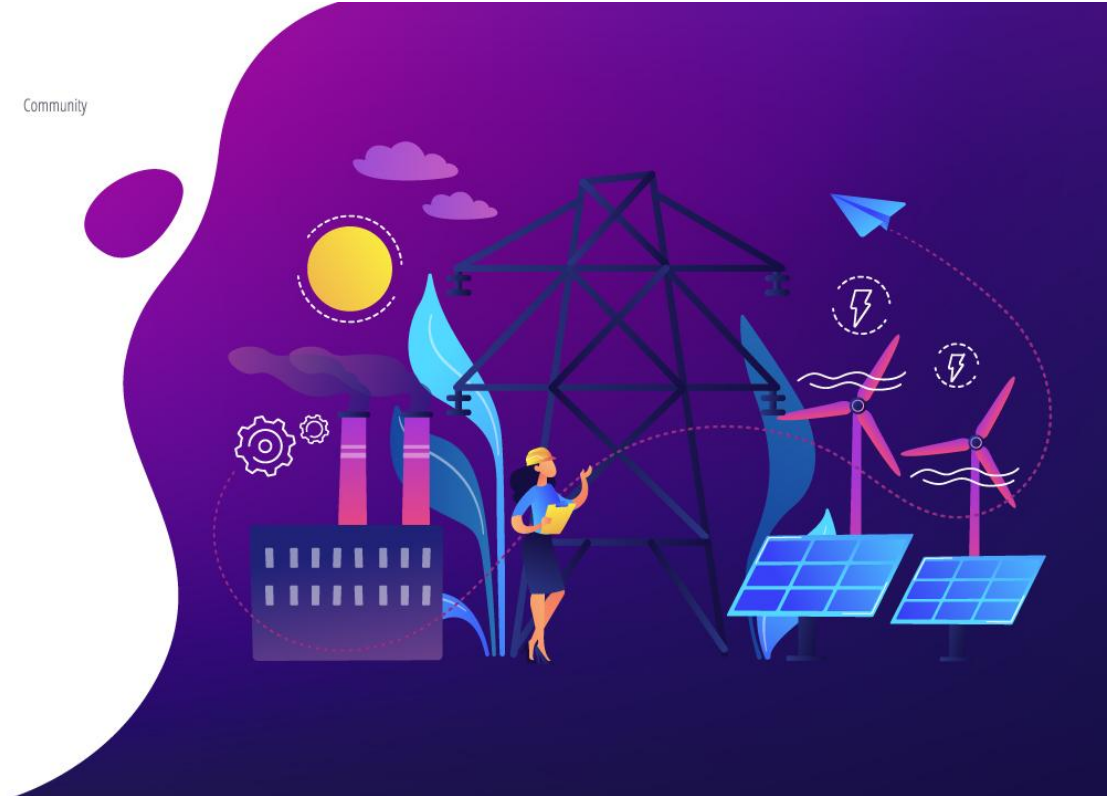


Assignment #3

[Sign up](#)
[White paper](#)
[Get started](#)
[Resources](#)
[Community](#)

ECO-FRIENDLY ENERGETICS

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam
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 aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud
 exerci tation ullamcorper susciex.

[Get started now!](#)




/Q&A\



Resources

- GitHub: <https://github.com/>
- Git: <https://git-scm.com/>
- GitHub Desktop: <https://desktop.github.com/>
- Source Tree: <https://www.sourcetreeapp.com/>





Thank you

Next: Hands On Session + Q&A

