Git & GitHub

**Concept**

Remote repo (Shared space)

Local repo (local = remote – changes)

Workspace (Your own computer)

Log (History)

**Git Bash**

git config --user.name “Hello Kitty”

git config --user.email “hellokitty@gmail.com”

git init

git add .

git status

git commit -m “Initial commit”

git remote add origin <https://blabla> #The command is on your GitHub repo, just copy & paste

git push -u origin master #Same also, just copy & paste

Setting GitHub Pages

**Self taught**

# This video explain how git works and some vital concept of Git

[Learn to Git](https://www.youtube.com/watch?v=8KCQe9Pm1kg)

# This video explain how git works in a more advanced way

(KY: In my humble opinion, I think the first 10 min is useful, the rest... is a bit weird you may skip them, up to you)

[Git Internals - How Git Works](https://www.youtube.com/watch?v=P6jD966jzlk)

# After understanding how Git works, you may move forward for Git Bash commands

(KY: Gentle reminder here, you can actually upload any files to Git, even microsoft.doc. This tutorial use html don’t get confused)

[Git and GitHub Crash Course for Beginner](https://www.youtube.com/watch?v=SWYqp7iY_Tc&t=1096s)

# What about hosting your website on GitHub?

[How to host your repo on GitHub](https://youtu.be/8hrJ4oN1u_8)

# What about collaborating using GitHub?

(KY: Actually, this requires some skills and fundamental knowledge on Git. It is not that hard to learn how to collaborate using GitHub, but it takes time to learn this. Due to time constraint we can’t do this demo at workshop, but hope these videos help)

<https://www.youtube.com/watch?v=MnUd31TvBoU>

<https://www.youtube.com/watch?v=WbwIoQYP6no&t=2453s>

Students education pack <https://education.github.com/pack>

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