

Git Workflow

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COMEM Web Services 2016

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Haute Ecole d'Ingénierie et de Gestion
du Canton de Vaud

What is Git?



Git is a free and open source **distributed version control system** designed to handle everything from small to very large projects with speed and efficiency.

git | git |

noun Brit. informal

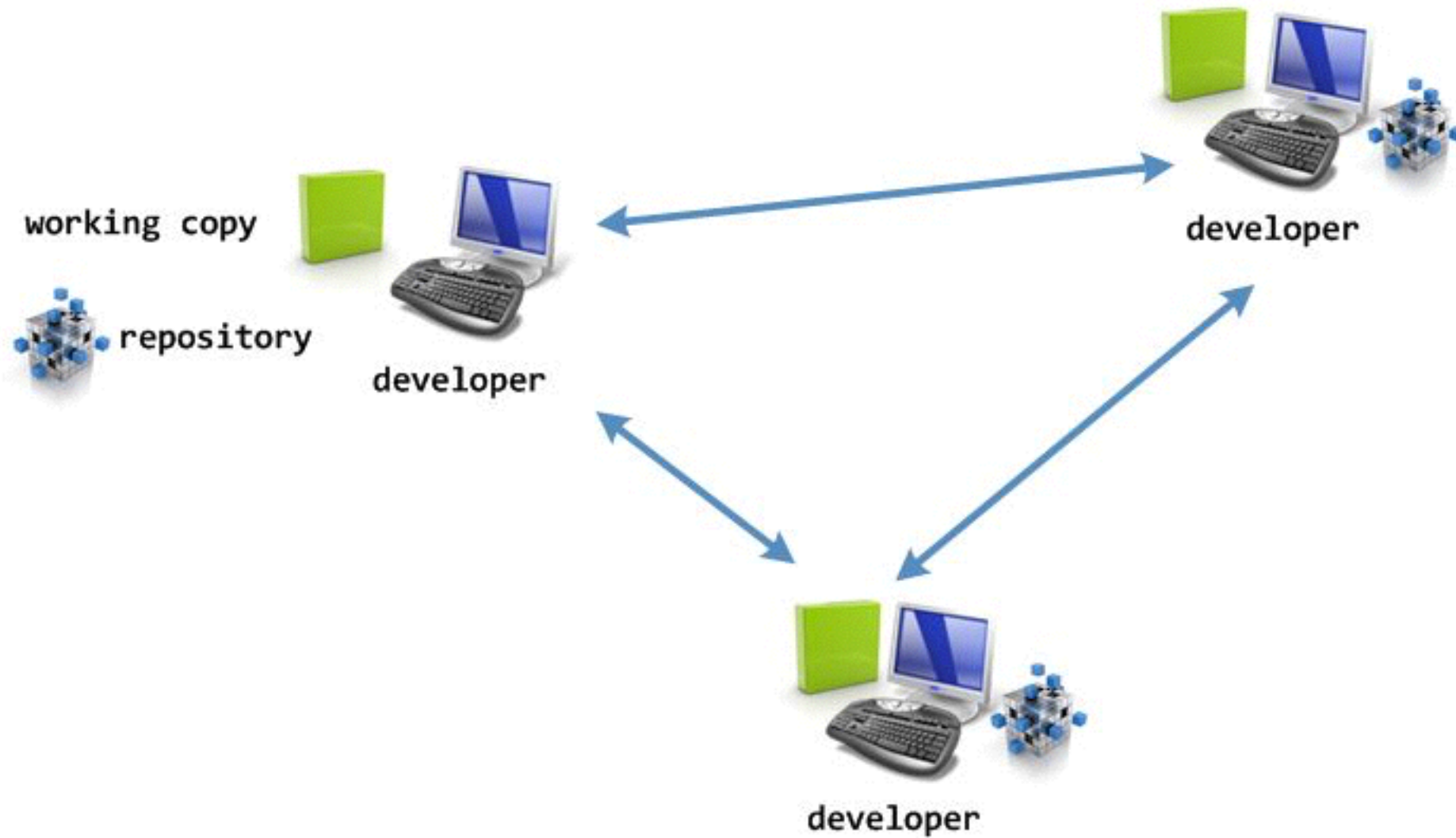
an unpleasant or contemptible person. *that mean old git. a warped, twisted little git.*

Git is distributed

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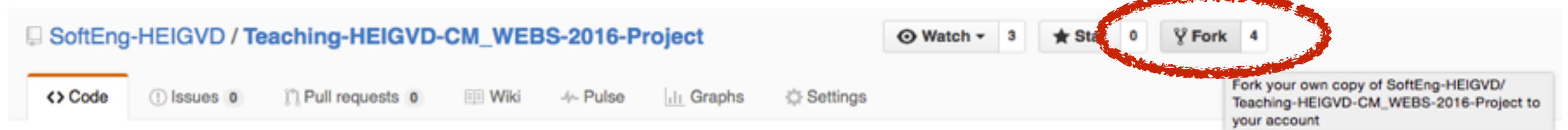
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distributed version control



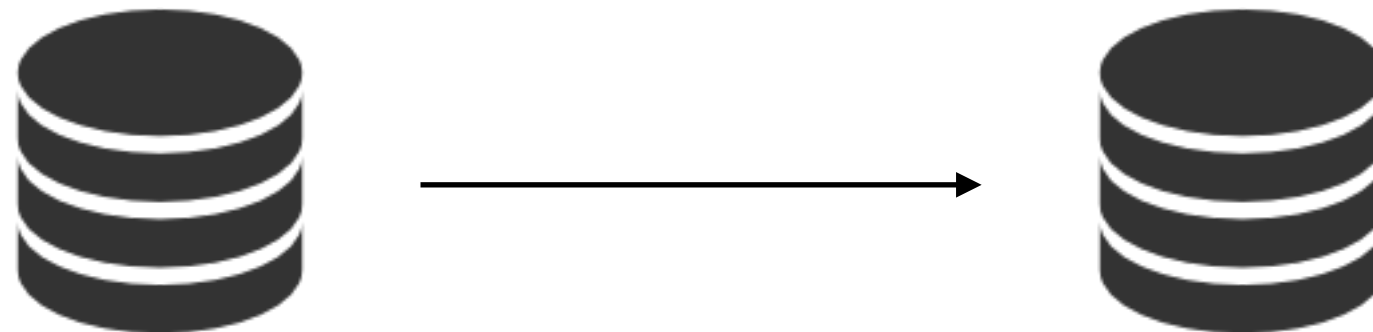
GitHub Fork

One student in each group will **fork** the project repository (**once per group**).



SoftEng repo (GitHub)

Student repo (GitHub)



This will create a **copy** of the repo in the GitHub account of the student who made the fork.

GitHub Collaborators

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AlphaHydrae / Teaching-HEIGVD-CM_WEBS-2016-Project
forked from SoftEng-HEIGVD/Teaching-HEIGVD-CM_WEBS-2016-Project

Watch 0 Star 0 Fork 5

Code Pull requests 0 Wiki Pulse Graphs **Settings**

Options
Collaborators
Branches
Webhooks & services
Deploy keys

Collaborators Push access to the repository

This repository doesn't have any collaborators yet. Use the form below to add a collaborator.

Search by username, full name or email address

Add collaborator

The student who performed the fork should go in the repository settings and add the other group members as **collaborators** so that they may have **push access**.

Git Clone

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All team members should clone the **forked repository**
(not the original SoftEng repository).

AlphaHydrae / Teaching-HEIGVD-CM_WEBS-2016-Project
forked from SoftEng-HEIGVD/Teaching-HEIGVD-CM_WEBS-2016-Project

Watch 0 Star 0 Fork 5

Code Pull requests 0 Wiki Pulse Graphs Settings

COMEM WEBS 2016 base project — Edit

2 commits 1 branch 0 releases 1 contributor

Branch: master New pull request New file Upload files Find file SSH git@github.com:AlphaHydrae/Tea Download ZIP

```
git clone git@github.com:StudentAccount/Teaching-HEIGVD-CM_WEBS-2016-Project.git
```

Git Repositories

SoftEng repo (GitHub)



Student repo (GitHub)



Clone

Clone



Student A repo (local)



Student B repo (local)

Set up the project

Put your Express application **at the root of the repository** (not in a subfolder).

Either regenerate one with `yo express` or copy the files from the example project (**including** invisible dot files).

After cloning or pulling the generated application, remember to run `npm install` to install the dependencies, which are not committed.