



The
Hitchhiker's
Guide To CS

Git

Workflow

Account

PyCharm

Gitignore

Nieuw project

Bestaand
project

Basics

Don'ts

Do's

Merge
conflicts

Planning

The Hitchhiker's Guide To Computer Science

Sessie 3

Arno Stijn Senne Toon Mateo Sam



Universiteit Antwerpen



WINAK

6 september 2020



Inhoudstafel

The
Hitchhiker's
Guide To CS

Git

Workflow

Account

PyCharm

Gitignore

Nieuw project

Bestaand
project

Basics

Don'ts

Do's

Merge
conflicts

Planning

Git
Workflow

Account

PyCharm

Gitignore

Nieuw project

Bestaand project

Basics

Don'ts

Do's

Merge conflicts

Planning



Git

The
Hitchhiker's
Guide To CS

Git

Workflow

Account

PyCharm

Gitignore

Nieuw project

Bestaand
project

Basics

Don'ts

Do's

Merge
conflicts

Planning

3/15

- ▶ Collaborate
- ▶ Version Control
- ▶ Open Source



In case of fire



1. git commit
2. git push
3. leave building



Workflow I

The
Hitchhiker's
Guide To CS

Git

Workflow

Account

PyCharm

Gitignore

Nieuw project

Bestaand
project

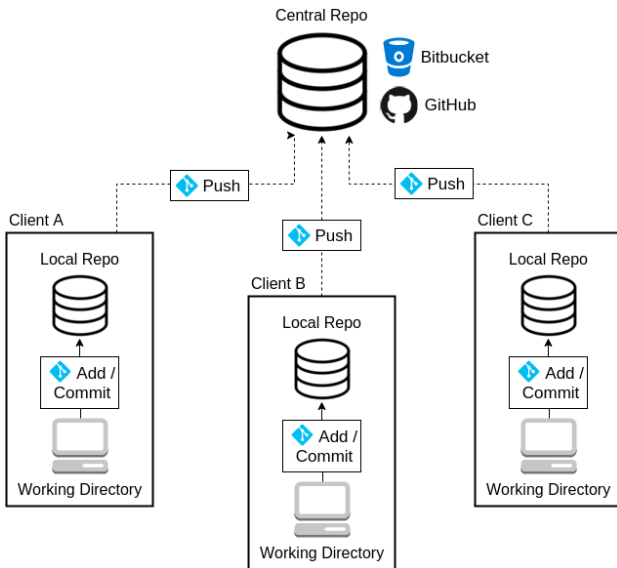
Basics

Don'ts

Do's

Merge
conflicts

Planning





Create a git account

The
Hitchhiker's
Guide To CS

Git

Workflow

Account

PyCharm

Gitignore

Nieuw project

Bestaand
project

Basics

Don'ts

Do's

Merge
conflicts

Planning

github.com 

- ▶ Gebruik studentenmail:
voornaam.achternaam@student.uantwerpen.be
- ▶ Gebruik herkenbare naam

[Student developer pack](#) 

- ▶ **Geeft mogelijkheid tot private repositories!**



Git in PyCharm

The
Hitchhiker's
Guide To CS

Git

Workflow

Account

PyCharm

Gitignore

Nieuw project

Bestaand
project

Basics

Don'ts

Do's

Merge
conflicts

Planning

1. Type: *Ctrl + Alt + s*
2. Navigeer naar: *Version Control – GitHub*
3. Add account



1. Maak .gitignore file in root van project
2. Best toe te voegen (voor nu)
 - ▶ *.idea*
 - ▶ *--pycache--*
 - ▶ *venv*
 - ▶ *env*
3. Ook regex mogelijk (*.txt)



Basics

The Hitchhiker's Guide To CS

Git

Workflow

Account

PyCharm

Gitignore

Nieuw project

Bestaand project

Basics

Don'ts

Do's

Merge conflicts

Planning

▶ commit

▶ push

▶ pull



Don'ts

The
Hitchhiker's
Guide To CS

Git

Workflow

Account

PyCharm

Gitignore

Nieuw project

Bestaand
project

Basics

Don'ts

Do's

Merge
conflicts

Planning

- ▶ Niet werkende code pushen
- ▶ Push nooit code die afhankelijk is van absolute paden
- ▶ Push geen persoonlijke folders (pycache, env) → .gitignore



Do's

The
Hitchhiker's
Guide To CS

Git

Workflow

Account

PyCharm

Gitignore

Nieuw project

Bestaand
project

Basics

Don'ts

Do's

Merge
conflicts

Planning

► **Pull voordat je een push doet**



Merge conflicts I

The
Hitchhiker's
Guide To CS

Git

Workflow

Account

PyCharm

Gitignore

Nieuw project

Bestaand
project

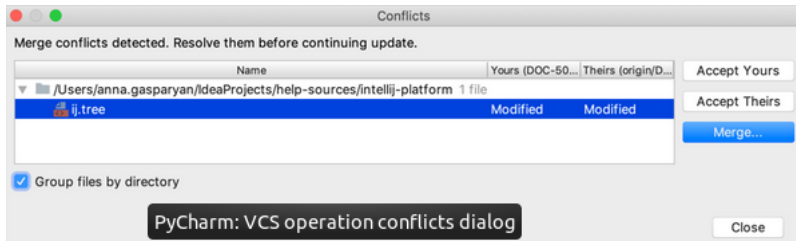
Basics

Don'ts

Do's

Merge
conflicts

Planning

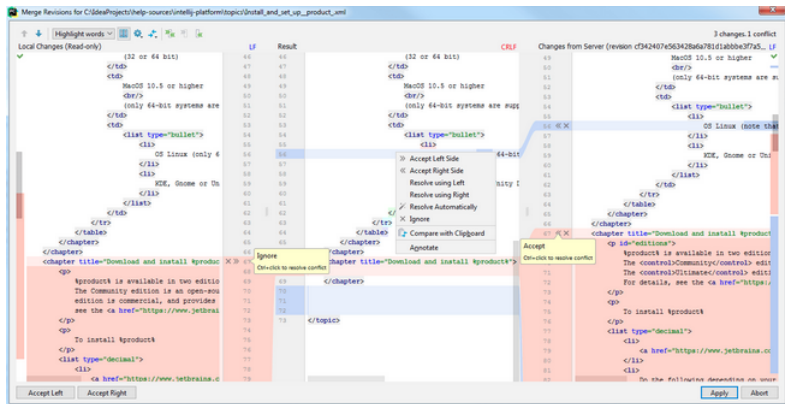




Merge conflicts II

The Hitchhiker's Guide To CS

Git
Workflow
Account
PyCharm
Gitignore
Nieuw project
Bestaand project
Basics
Don'ts
Do's
Merge conflicts
Planning





Planning

The
Hitchhiker's
Guide To CS

Git

Workflow

Account

PyCharm

Gitignore

Nieuw project

Bestaand
project

Basics

Don'ts

Do's

Merge
conflicts

Planning

22 Sep WINAK - Cursusdienst - Lessenrooster - Email

24 Sep Dual Boot - Virtual Box (practicum)

Tba Git for beginners

Tba Dot

Tba Git advanced