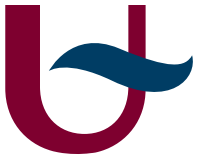
Git
Workflow
Account
PyCharm
Gitignore
Nieuw project
Bestaand project
Basics
Don'ts
Do's
Merge conflicts
Planning

The Hitchhiker's Guide To Computer Science

Sessie 3

Arno Stijn Senne Toon Mateo



Universiteit Antwerpen

WINAK

Inhoudstafel

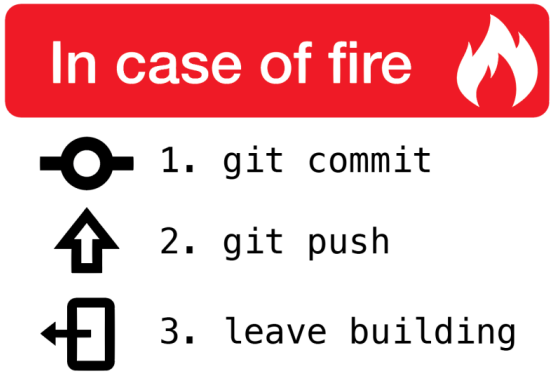
Git
    Workflow
Account
PyCharm
Gitignore
Nieuw project
Bestaand project
Basics
Don'ts
Do's
Merge conflicts
Planning

Git

The Hitchhiker's Guide To CS

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

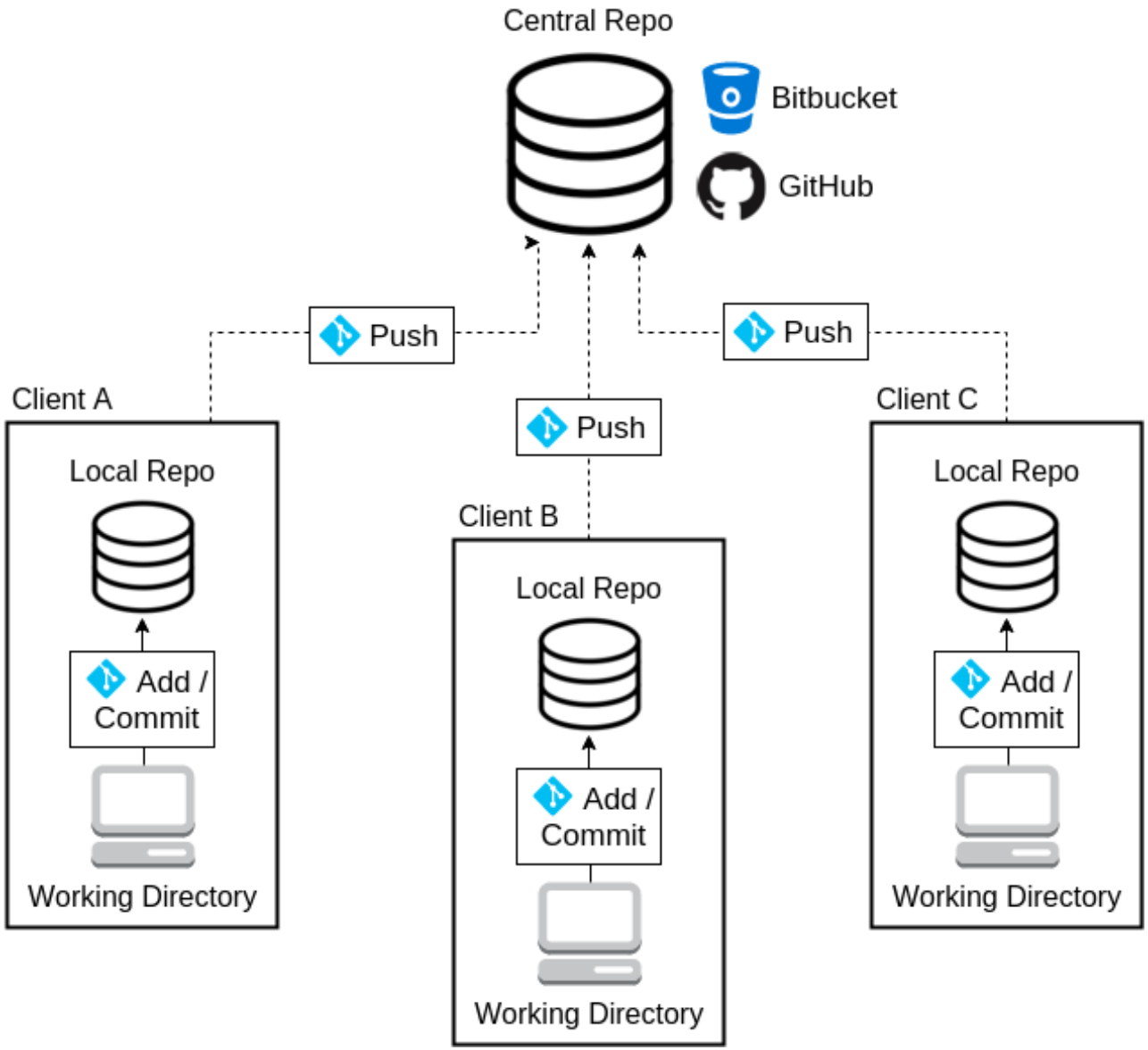
- Collaborate
- Version Control
- Open Source



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

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

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

.gitignore

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

Instellingen bij een nieuw project

1. Nieuwe github repository
   - Zet type op **Private**!
2. Check out from Version Control - Git
3. Kies project uit dropdown of plak URL

Beginnende van een bestaand project

1. VCS
2. Import into Version Control - Create git repository
3. Import into Version Control - Share project on GitHub
4. Laat best naam staan
5. Zet op private (Remote: origin niet aanpassen)

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

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

Do's

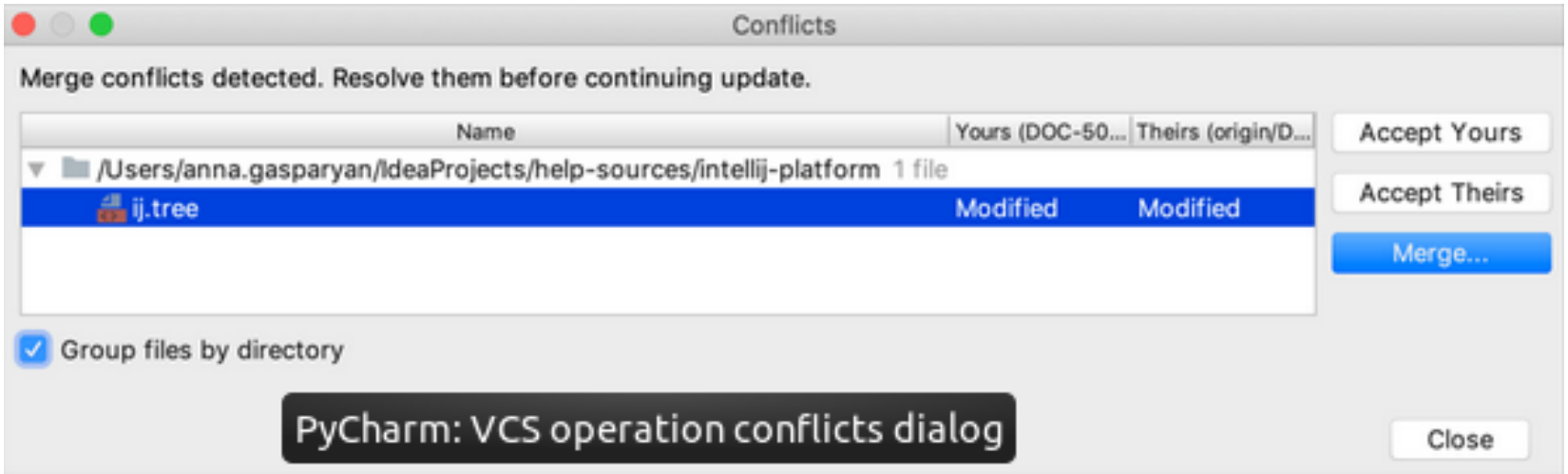
The Hitchhiker's Guide To CS

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

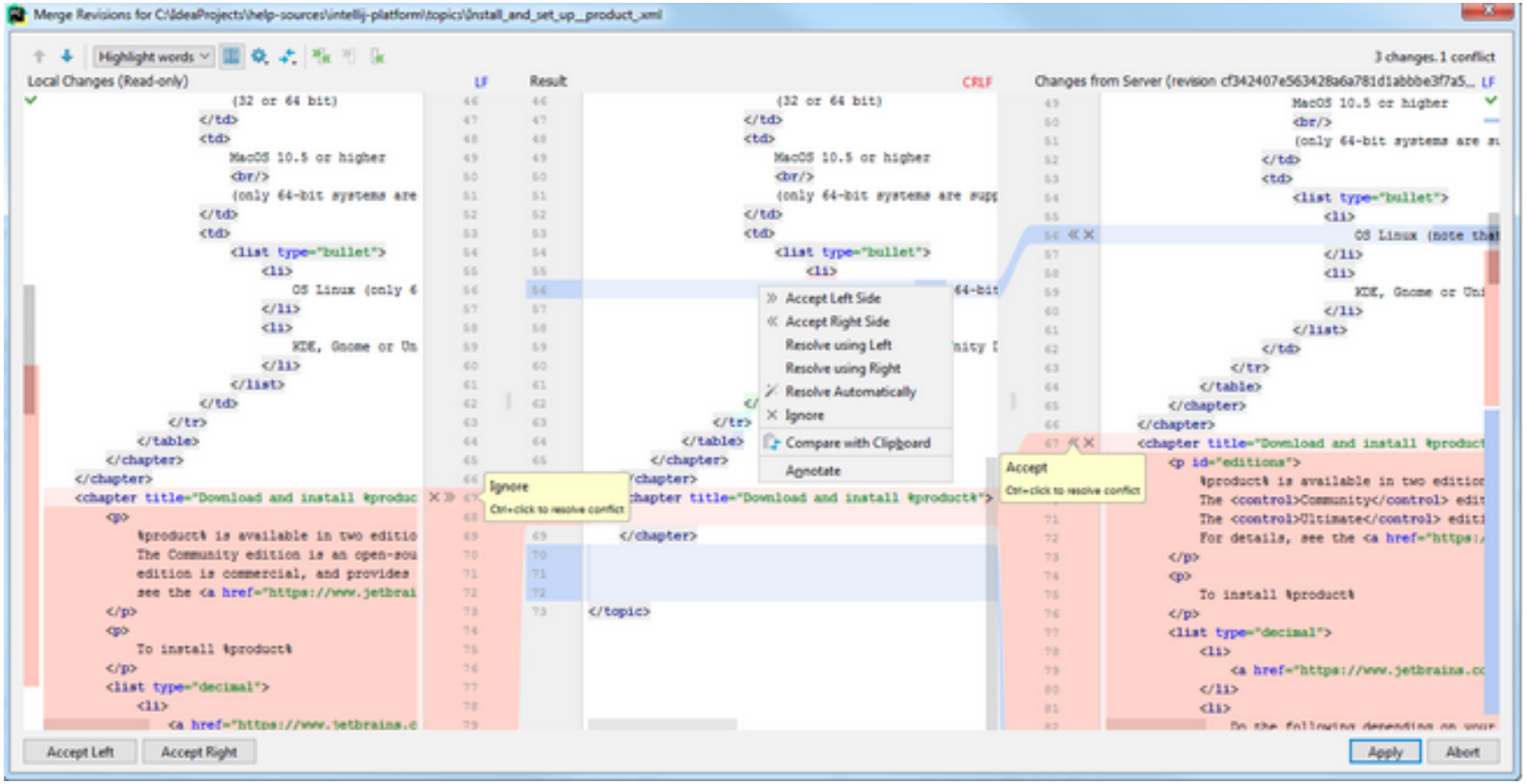
Git
Workflow
Account
PyCharm
Gitignore
Nieuw project
Bestaand project
Basics
Don'ts
Do's
Merge conflicts
Planning



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

24 Sep	WINAK - Cursusdienst - Lessenrooster - Email
27 Sep	Dual Boot - Virtual Box (practicum)
12 Nov	Git for beginners

Tweede semester	Git advanced