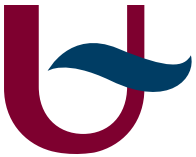
The Hitchhiker's Guide To Computer Science

Sessie 3

Andrei Igor Joey Senne Toon Stijn



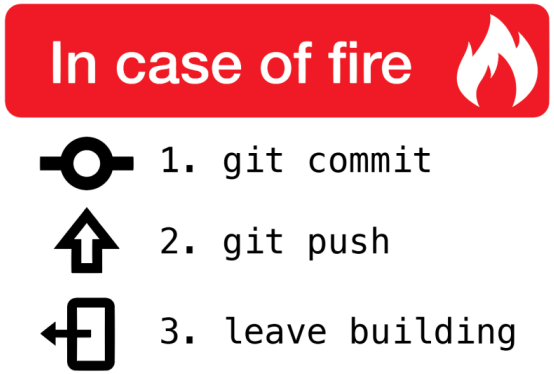
University of Antwerp

WINAK

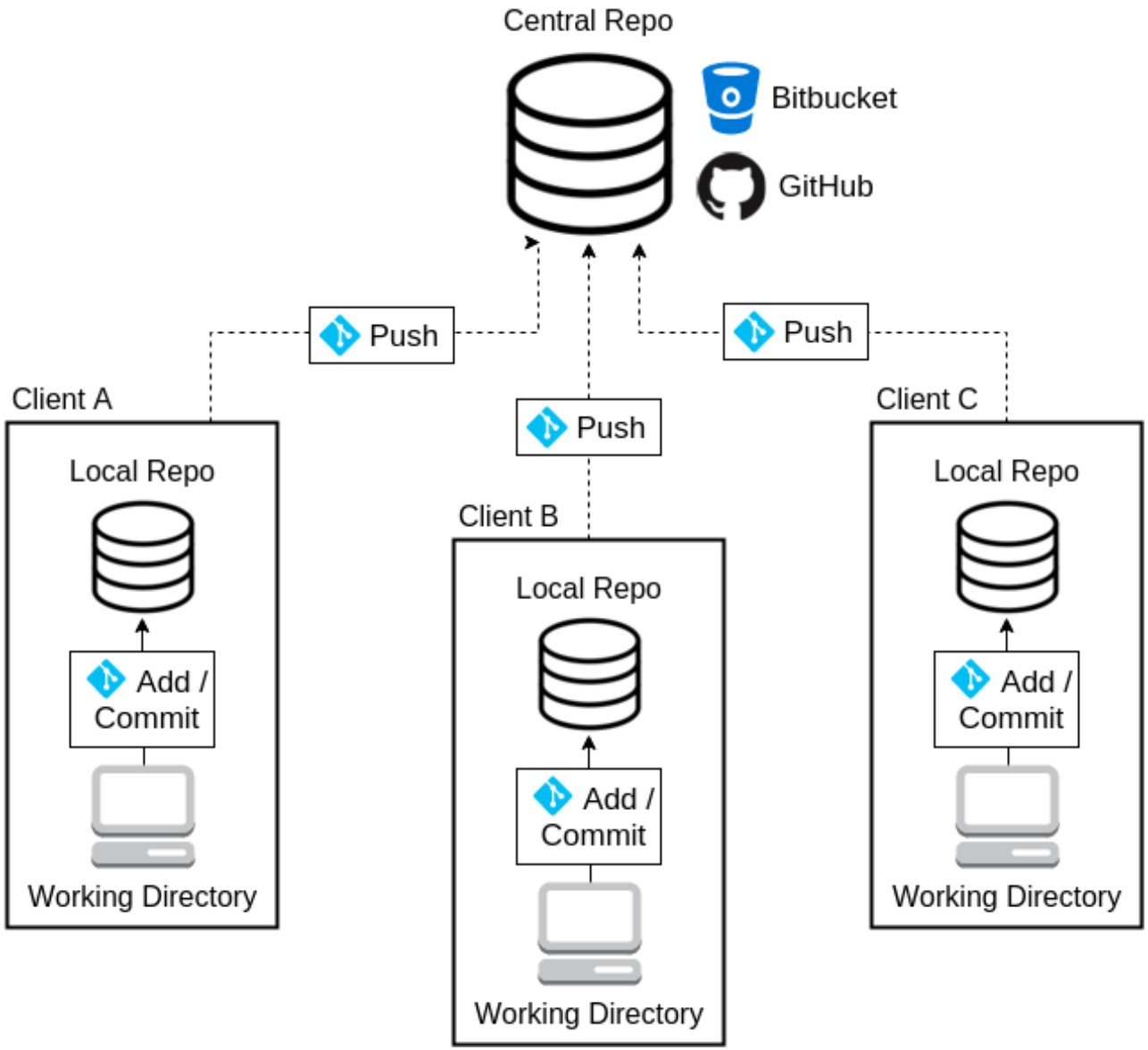
Inhoudstafel

Git

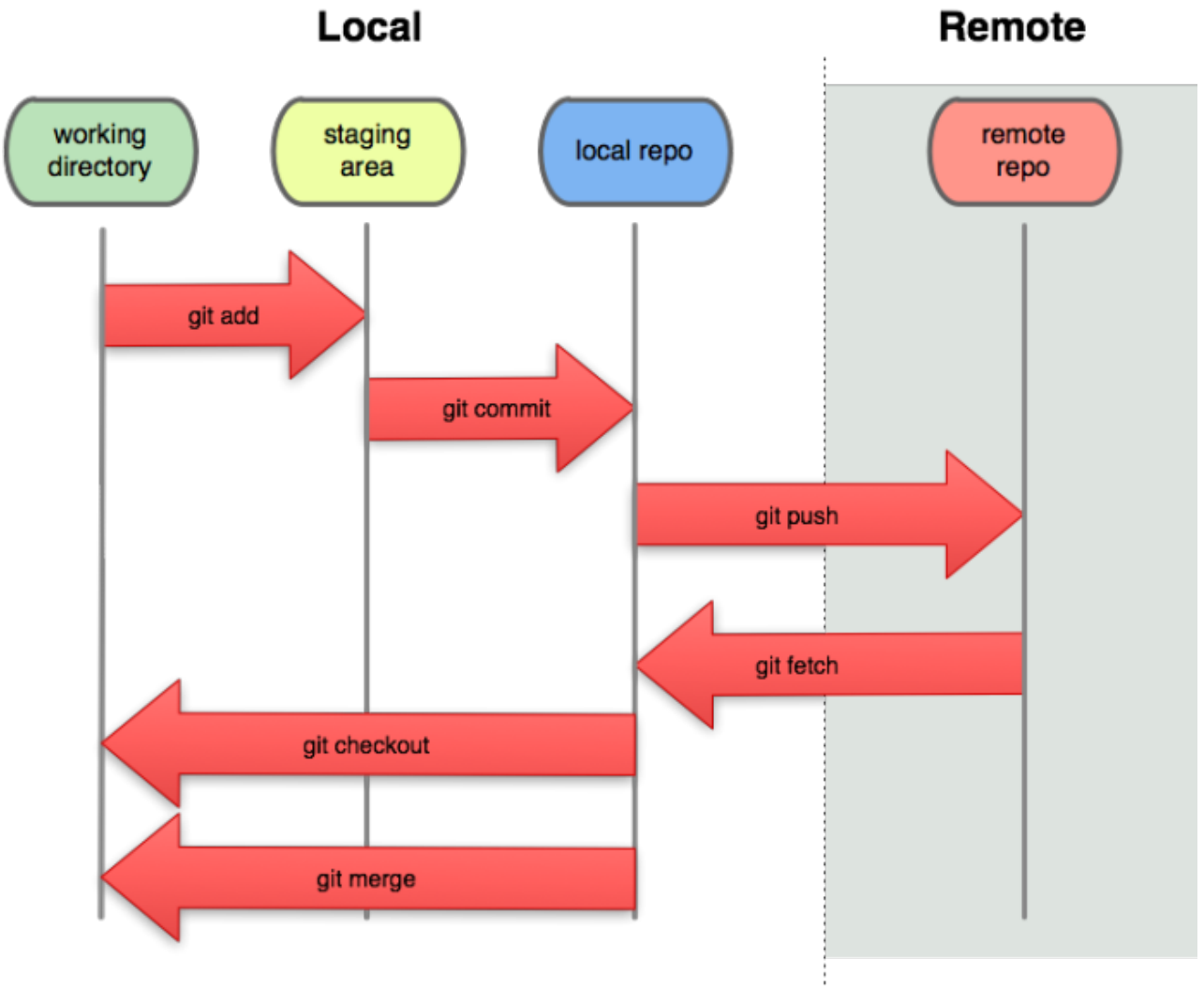
- Collaborate
- Version Control
- Open Source



Workflow I


Central Repo
Bitbucket
GitHub
Push
Push
Push
Client A
Local Repo
Add / Commit
Working Directory
Client B
Local Repo
Add / Commit
Working Directory
Client C
Local Repo
Add / Commit
Working Directory

Workflow II


Local
Remote
working directory
staging area
local repo
remote repo
git add
git commit
git push
git fetch
git checkout
git merge

Commands

git init	Makes a new local repository
git clone [remote url]	Clones into a remote repository
git fetch	Gets content from remote repo to local repo
git merge	Merges local repo with working directory
git pull	Shortcut for git fetch and git merge
git add [file]	Puts file in the staging area
git commit	Bundles files in staging area and sends them to local repo
git push	Sends content from local repo to remote repo

Remember: **man git [option]**

Demo

- Basic usage
- Merge conflicts
- Branches
- Tutorial

Branches

git branch Makes a new branch
git checkout Switches to branch

Planning

25 Sep	Blackboard - SiSa - Email - Lessenrooster - WINAK - Printen - Cursusdienst
02 Okt	Dual Boot - Virtual Box (practicum)
Project GAS	Git

SSH - Studento - Komidabot