

WORKING WITH GIT



AARHUS
UNIVERSITY

DEPARTMENT OF ELECTRICAL AND COMPUTER
ENGINEERING

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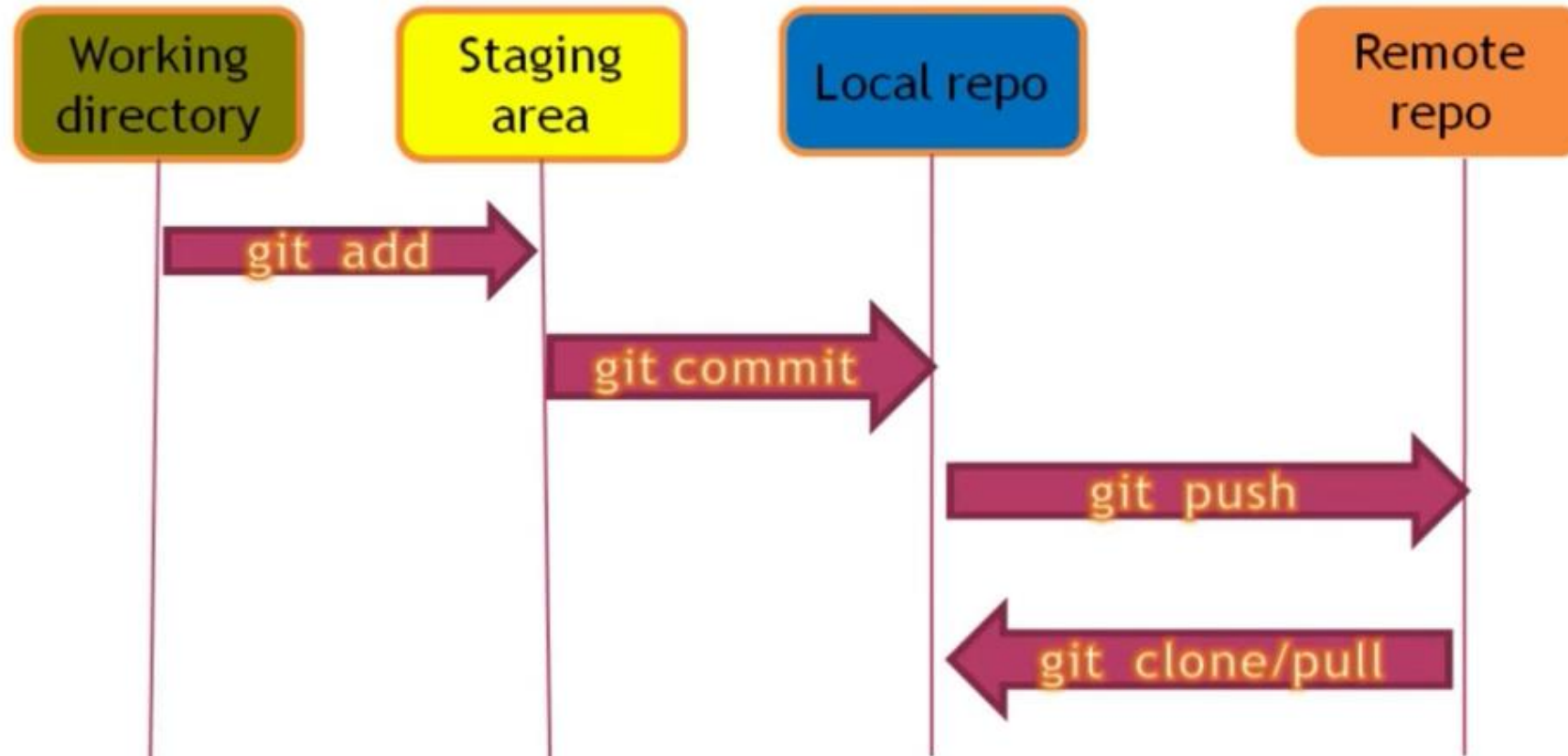
JALIL BOUDJADAR
ASSOCIATE PROFESSOR



GIT

- Version Control System for projects work
- Can be seen as a miniature file system
- Support centralized/decentralized and remote access to files, folders and versions history
- Local perspective of operations
 - | No information is needed from other computers
 - | History can be browsed offline and fast

GIT ARCHITECTURE



From www.newaxis.in

BASIC COMMANDS

- Clone a remote repository to your machine: `git clone <remote-git-url>`
- Download current state to local repository: `git fetch`
- Download current state to local repo and incorporate changes: `git pull`
- Move local changes to the remote server: `git push`
- Commit the current working version to the local project: `git commit`
- Many more commands [here](#) ...

“Always commit before you push!!”

TODO TODAY

1. Create an account on github -> <https://github.com/>
2. Download the desktop app <https://desktop.github.com/>
3. Create a project repository (only one per group)
4. Publish the project repository
5. Add your group mates to the repository:
 1. In the App, click tab [Repository](#) / [View on GitHub](#)
 2. In the github internet page, click [Collaborators](#) / [Add people](#)
 3. Search by user ID of your group mates, add and assign access right Editor.



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