Git Robcourse

Want the slides? Go to:
https://github.com/anpom21/Git_Robcourse

Disposition

- Motivation
- What is git?
- Maybe you tried git
- Don’t take my word for it
- Git = Control + Collaboration
- Let’s use git
- Branching
- Exercises
- Keep branching!

git

GitHub

git ≠

GitHub

BUT WHY?

Is this you?

- Comment out code to try new functionality?
- Code is working fine, but now it doesn't?
- Want to work from multiple devices?
- Want to collaborate with your project group?

Maybe you tried git

- You only used git add, commit, push and pull
- You only use it when collaborating
- You cry when you encounter merge conflicts

Don’t take my word for it

Okay, all right, but what is it?

-

Git = Control + Collaboration

- Distributed version control system
- Tracks changes in your files
- Helps teams collaborate without "*who broke this?!*" moments
- Local vs remote repositories

Git

Article Talk

From Wikipedia, the free encyclopedia

For other uses, see Git (disambiguation).

Not to be confused with GitHub, GitLab, or Gitea.

Git (/gɪt/)[8] is a distributed version control system[9] that tracks versions of files.

Branching = Freedom + Safety

- Develop new code independently from others
- You need to go back to the code that worked?
  - No worries just go back to the main branch

Requirements

- Git
  - If using ubuntu:
  - Git Credential Manager (GCM)
- Can run Python (for code examples)

Who does not have git installed?

Windows:

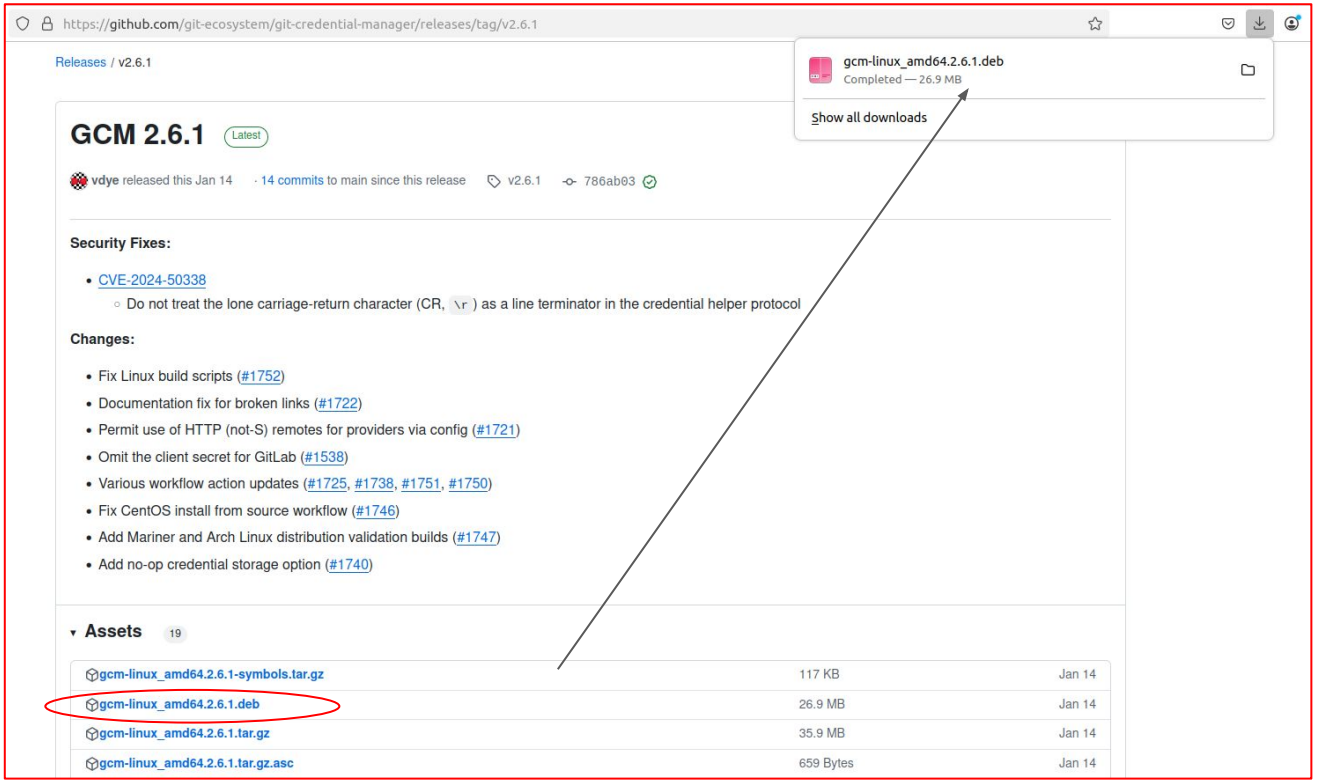
https://git-scm.com/downloads/win

Ubuntu:

```
sudo apt-get install git
```

Git credential manager

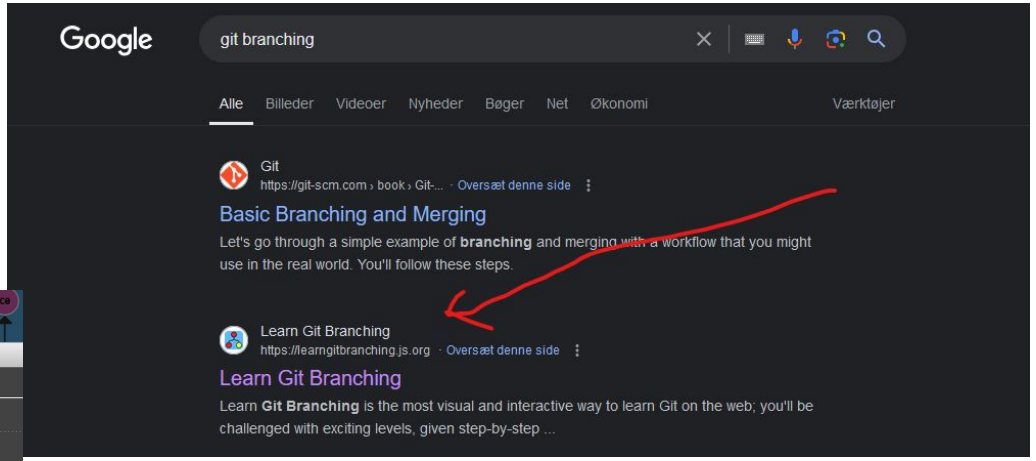
Download

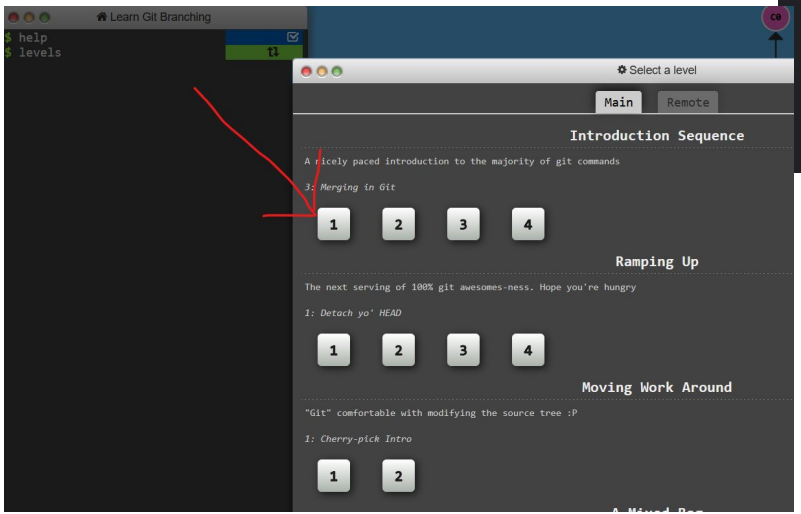


Lets try git!

Learn to move around in Git!

- Google: [Learn git branching]
- Try out git branching for 30 min





ChatGPT

ChatGPT is your very best git friend and USE IT

More exercises

- Go to the git course GitHub
- https://github.com/anpom21/Git_Robcourse
- Clone the repository
- Get to work on the exercises

Keep calm and Git on

- Collaborate fearlessly
- Never lose your progress again
- Track who did what (and why)
- My recommendation
- ChatGPT will help you!

Git’clusion

- Git is a skill you’ll (most likely) use every day
- Practice, practice, practice
- When in doubt, ChatGPT is your friend

Thank you!

View the slides in google drive here:
https://docs.google.com/presentation/d/1FVkn-8Cg6tvnQhC0uTjoK03RYREYePOZROOTBMMravQ/edit?usp=sharing