Notes for the tutorial . Spend a lot of time on workflow . Spend some time on solup · Create a disposable email addr. V . Do everything in front of them · Include the "Plan" · Explain that Git is "hard to grasp" because of a 'new way of thinking about digital projects 0-10-70-> · Explain "What is Git" diagram - "Master" = any computer, e.g. Gittlub 1 "Your work" = your pc 1"S. Elses Work" = Grigary's pc (They should imagine this)

continue

- · Explain why Git/Linus is big deal
- · Mention that Linux has a fantastic/passionate community
- · Git shares/inherits timex philosophy
- · Even it Microsoft/Apple/Google disappear, Git will stay
- · Explain open source
- · Mention that linus used his experience from bitkeeper to design Git (best in the world)
- · Commit message: capital + action

· Mention that branches can diverge / forth without ever reuniting

Plan: technical part
· Explain work flow (long)
Explain setup (short)
· Practice setup (at least once)
- Create account
- Create repository
- Clone repositore
_
- Add (Stage?) ) - Commit ) Workflow
- Rush
· Practice workflow (at least once)
- Clone my repersitory
Make changes + commit
Try push
· Sucsess: done
Not up to date: pull-s merge -

Plan: non-technical part · History Linux developed by passing files around Community adops proprietary version control system Company asks for money Linus makes Git · Philosophy | Powerful (merge, history,...)

Work flow
· Clone or pull
· Make changes &
· Stage changes (
· Try push
. Maybe merge (auto as manual
Terms
· Clone = download 1-8+ time
· Pull = update your branch
· Stage = select which changes to commit = Add
· Commit = create a permanent snapshot of project
· Push = make another "agent"
pull your branch
· Merge = duh

Deeper terms

Checkout = Jump: -0-0-0-0-0

Pull request = Ask "agent" to pull

Pull = Fetch + Merge

· Fetch = Just download other's work (branch) without meresina: -0

mereging:

· Linus Torredds = genius/god

## Best practices · Small frequent commits · Commit messages: - Short title (50 characters) Short body (<100 characters) (optional) Descriptive Imperative mood Capital + no period Good examples: · "Add Logging" "Simplify input parsing" "Remove dependency on X" · Bad examples: · "Added Logging"

made some changes

Debuggina"

To do

Switch screen

Check "slides"

Read notes

Transfer "slides" to pc

Commit to report

. Open Google forms