

A?

Aalto University
School of Arts, Design
and Architecture

Getting started with Git

What is Git?

- **A system for Version Control**
 - → helps to keep track of software development
 - → allows for (save) collaboration on projects
- **In many ways it is similar to modern cloud services, however, it is much more optimized for changes in text files**

Why?

- **Git allows us to easily share projects**
 - To track how they have changed
 - To revert changes
- **We will use it to:**
 - Submit your code for assignments
 - To share your projects with your classmates
 - To hold on to our own work.

How To Git (good)

Basic working progress:

- You have a repo (basically a folder, that is watched by git)
- You make some changes
- You „stage“ these changes
- You „commit“ these stages
- You „push“ these stages
- → Then (and only then) other people can download your commit from the only repo

How to git (good)

1. **Version.aalto.fi ← Log In with your Aalto Account**
2. **Download Git (<https://desktop.github.com/>)**
3. **Link an SSH Key (GIT GUI)**
4. **Create a remote (version.aalto.fi)**
5. **Create local Repo**
6. **Link**

More Resources

- <https://learngitbranching.js.org/> (Interactive Tutorial)
- <http://try.github.io/>
- <https://git-scm.com/book/en/v2>



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Assignments

Till Tuesday 23:55:

- **Create a GIT Repo on version.aalto.fi**
- **Share this GIT Repo with us**
 - Give access to:
Sebastian.Schlecht@aalto.fi
Jan.Vornhagen@aalto.fi
- **Upload a txt with a link to the repo on MyCourses**

Till Sunday 23:55

- **Get started with Unity:**
<https://learn.unity.com/course/create-with-code>
- **Learn the content in Unit 1 through 4.**
- **Each Unit has a “Lab” assignment.**
- **Upload the combined Lab of Unit 1 through 4**

For Sunday



Unity Technologies

Lab 2 - New Project with Primitives

Tutorial • Beginner • 1 Hour • 🎓

Unity Technologies



Quiz 2

Quiz • Beginner • 15 Mins • 10 Questions

- Upload a commit to your git called “Assignment1_130920”
- Compile the lab and upload the files to MyCourses
- If MyCourses doesn't work: upload a txt document while having a compiled version of your game in your git}