

Objective:

Learn how to work with the Git version control system.

Theory and Task:

1. Install [Git](#).
2. Complete the tutorial at <https://githowto.com>.
3. Play around with Git on your own and try out the most essential commands.
4. Try to understand how it can help you during development. If you wouldn't use it in your next task, please reread everything in this stage again.

Deadline: 3 days

Questions:

1. How does Git help a team of developers work on the same project?
2. How does Git help a solo developer?
3. When would you store changes in two (or more) commits, and when in one? Why?
4. How can you stage only some files and not all unstaged files?
5. Why do conflicts happen in Git?
6. Explain the mechanism of solving conflicts in Git.
7. What is the difference between merge and rebase in Git?