

Software Methods and Tools

Fall 2016

Assignment 8

Due on 11:59PM, Monday, December 12, 2016

Imagine that you are working on a project (e.g. the Asteroids application) with another two students, and you have decided to use GIT to manage your source code.

Develop a working flow that characterizes how you will use GIT in this project. You cannot use the working flows included in the lecture slides. Instead, you must design a working flow that suggests a new collaboration pattern of using GIT.

In addition, your designed working flow must involve all the important concepts/operations of GIT. These include: remote branch, tracking branch, branching, merging, merging conflicts, repository creation, tracking new files, modifying files, staging files, committing changes, fetching, pulling, and pushing.

Your working flow must start from the initial repository creation.

Write a report that describes the entire working flow step by step, with each step followed by the corresponding GIT command(s). Feel free to use any format that you think is effective to illustrate this process with all the required information included. The format that we used in our lab tutorials (e.g. Subversion, GIT) should be just fine.

At the beginning of your report, you should highlight what kind of collaboration pattern your working flow suggests. Draw a diagram to illustrate the working process (Similar to the diagram of the integration-manager workflow included in the lecture slides).

Submit your report in the PDF format to the Blackboard system.