

Collaboration with Git

1 Collaboration with git

1.1 Formative group task (wk 5)

- Work in groups of about three from your practical group
 - Aim for diversity of teams: not just people like you
 - Develop a set of web pages showcasing societal impact of CS
 - Use a framework e.g. Bootstrap
 - All pages to have author info linking to github and linkedin
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1.2 Peer assessment (week 6)

- Interesting content
 - Good consistent visual presentation
 - Good written presentation
 - Valid HTML
 - Author info not to be written by author
 - Balanced contributions from members
 - Not done at the last minute
 - Provide comments as pull request
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1.3 Working together

- git supports collaboration
 - It is a tool not a method
 - Need to think about collaboration method
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1.4 Questions to ask

- Where to host remote repos (one or many)?
 - Who has control over the remote (one or many)?
 - How will you decide and allocate tasks
 - How will you know if the tasks are complete?
 - (How) will you make a release?
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1.5 Who has control?

Options include:

1. One person approves changes, others make pull requests (fork?)
 - (a) Fork
 - (b) Develop a forked repo
 - (c) Issue a pull request
 2. One person owns the repository, others are collaborators
 3. Collaborators form an organization for multiple projects
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1.6 Task planning

Outside of scope of version control. Options include:

1. spreadsheet
 2. github issues
 3. dedicated bug tracking tool e.g. bugzilla
 4. development 'board' e.g. trello
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1.7 Is it any good (complete?)

- Code Review
 - Automated Testing (HTML Validator)
 - Git log
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1.8 Making a release

- Move/copy to public.html (clone, pull)
 - Branching: master and develop
 - Feature branching
 - E.g. gitflow
 - Release vs continuous delivery/deployment
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1.9 See also

- Version Control with Git
- Collaborating with Git