A short introduction to Git (not GIT)

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2. explain how it's useful for writing papers
3. explain how it's useful for the Stacks project

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No time to give detailed instructions on how to use it, unfortunately: motivation, and quick demo.

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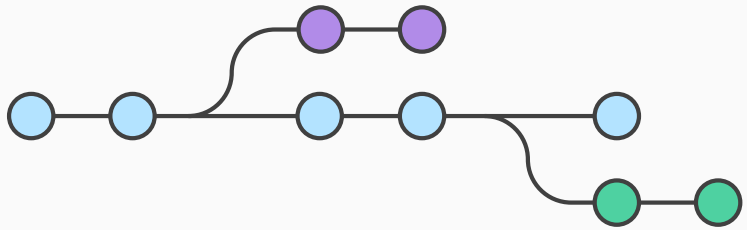

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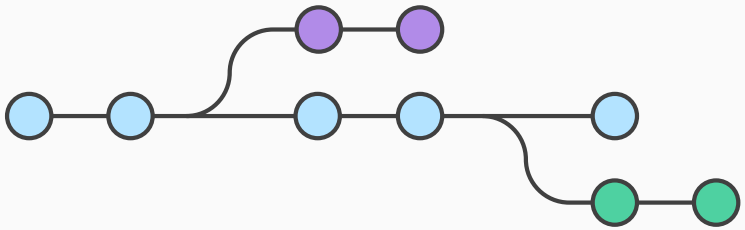

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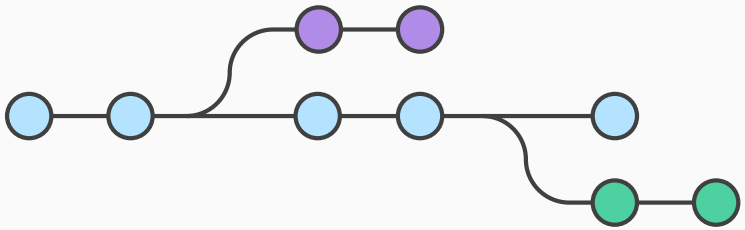

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2. commits, branches, tags, ...
3. `git diff`

```
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Alternatives:

1. BitBucket (infinite private repositories!), GitLab, ...
2. SourceTree, SmartGit, ...

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It's the best thing since sliced bread!

—Anonymous co-author of mine.

Learning Git

1. a 15 minute (interactive!) commandline tutorial:
   `https://try.github.io/`
2. a 10 minute read on using GitHub, including pull requests:
   `https://guides.github.com/activities/hello-world/`
3. ...
4. a (free!) 456 page book:
   `https://git-scm.com/book/en/v2`

An extremely short showcase

How to start collaborating on a new paper:

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- a volunteer with a GitHub account
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What I will do:

1. create the project
2. push to GitHub
3. add a collaborator
4. start editing

What the volunteer needs to do

1. clone the project
2. start editing

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3. use pull requests on GitHub

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The Stacks project uses a strict coding style:

`http://stacks.math.columbia.edu/download/coding.pdf`

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word of advice: use small commits (allows cherry-picking)