

II Pos Café



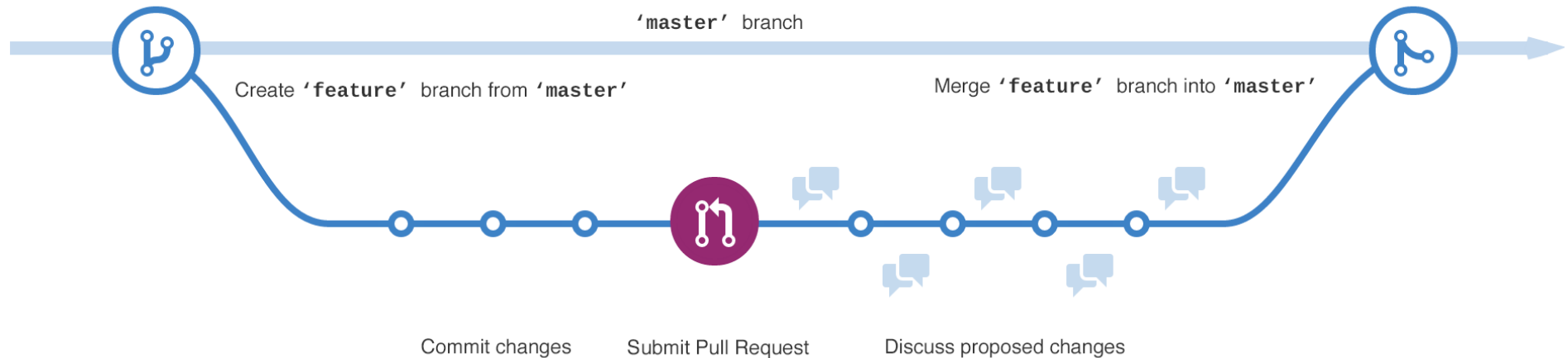
A (very) short introduction on git/github

Coffee and presentation made by
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Overview

- Git is a version control software
 - Manage the project modification without deleting any part of it
- Github is based on git
 - It is a platform for hosting and collaborating on projects. (and social network)

Overview - GitHub



- **Repositories**
Single project which contain folders, files, images etc..
- **Issues**
A note on a repository
- **Branches**
Branching is the way to work on different parts of a repository at one time.
- **Commits**
Saved change are called commit
Each commit is associated to a commit message
- **Pull Requests**
You're proposing your changes and requesting that someone pull in your contribution
Allows you to compare the content on two branches.
Merge the pull request with the master branch

Overview - Git

- 1) Create repository
git init
- 2) Add file to repository index
git add filename.txt
- 3) Permanently store the index of the repository
git commit -m "this is my commit message"
- 4) Add another file and see the difference between the old commit and the new one
git diff --cached
- 5) Viewing history
git log
- 6) Make a developpement branch to develop you idea in parrallel
git branch branchname
- 7) Display the branch
git branch
- 8) Change the current working branch
git checkout branchname
- 9) Modify the branch and commit
edit filename.txt
git commit -m "Commit of the branch"
- 10) Modify the master and commit
edit filename.txt
git commit -m "commit on the master"
- 11) Merge the master and the Branch
1)git merge branchname

Clone, modify and pull remote repository

- 1) Git clone <https://github.com/..>
- 2) Vim file.txt
- 3) Git add file.txt
- 4) Git commit -m "I had a file"
- 5) Git push origin master

References

- [GitHub](https://guides.github.com/activities/hello-world/)
<https://guides.github.com/activities/hello-world/>

[Git](http://rogerdudler.github.io/git-guide/)
<http://rogerdudler.github.io/git-guide/>