

Git policy

Basics

- every commit should have a commit message
- *master* represents the most stable version of the project and only deploy to production from this branch.
- *develop* contains changes that are in progress and may not necessarily be ready for production.

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Procedure of adding a fix or feature

1. You need to fix a bug.
2. **Create a branch** called `myfix` that is based on the `develop` branch.
3. Work on the bug in this topic branch until it is fixed.
4. Merge `myfix` into `develop`. Run tests.
5. You discover your fix `conflicts` with another topic branch `hisfix` that your coworker merged into `develop` while you were working on your fix.
6. Make more changes in the `myfix` branch to deal with these conflicts.
7. Merge `myfix` into `develop` and run tests again.
8. Everything works fine. Merge `develop` into `master`.
9. Deploy to production from `master` any time, because you know it's stable.