<Coding Club>

GITFLOW WORKFLOW

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IT'S JUST GIT

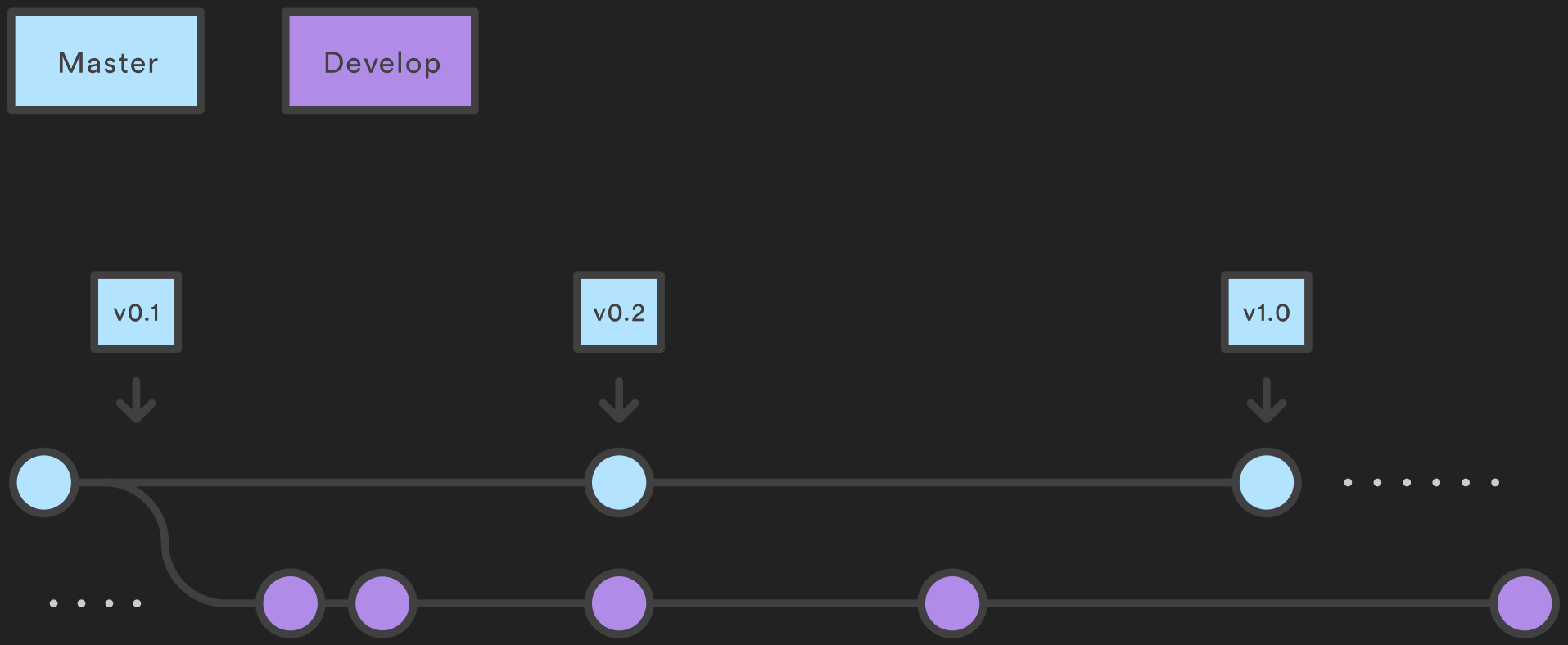
BUT THERE IS A COMMAND LINE UTILITY

WHY?

- Prevents orphaned files and branches
- Allows for easy, confident work on
  - multiple features
  - hot fixes
  - deployment to the real world
- It can be reasoned about

DEVELOPMENT BRANCH

Development branch is a comprehensive history of the project.

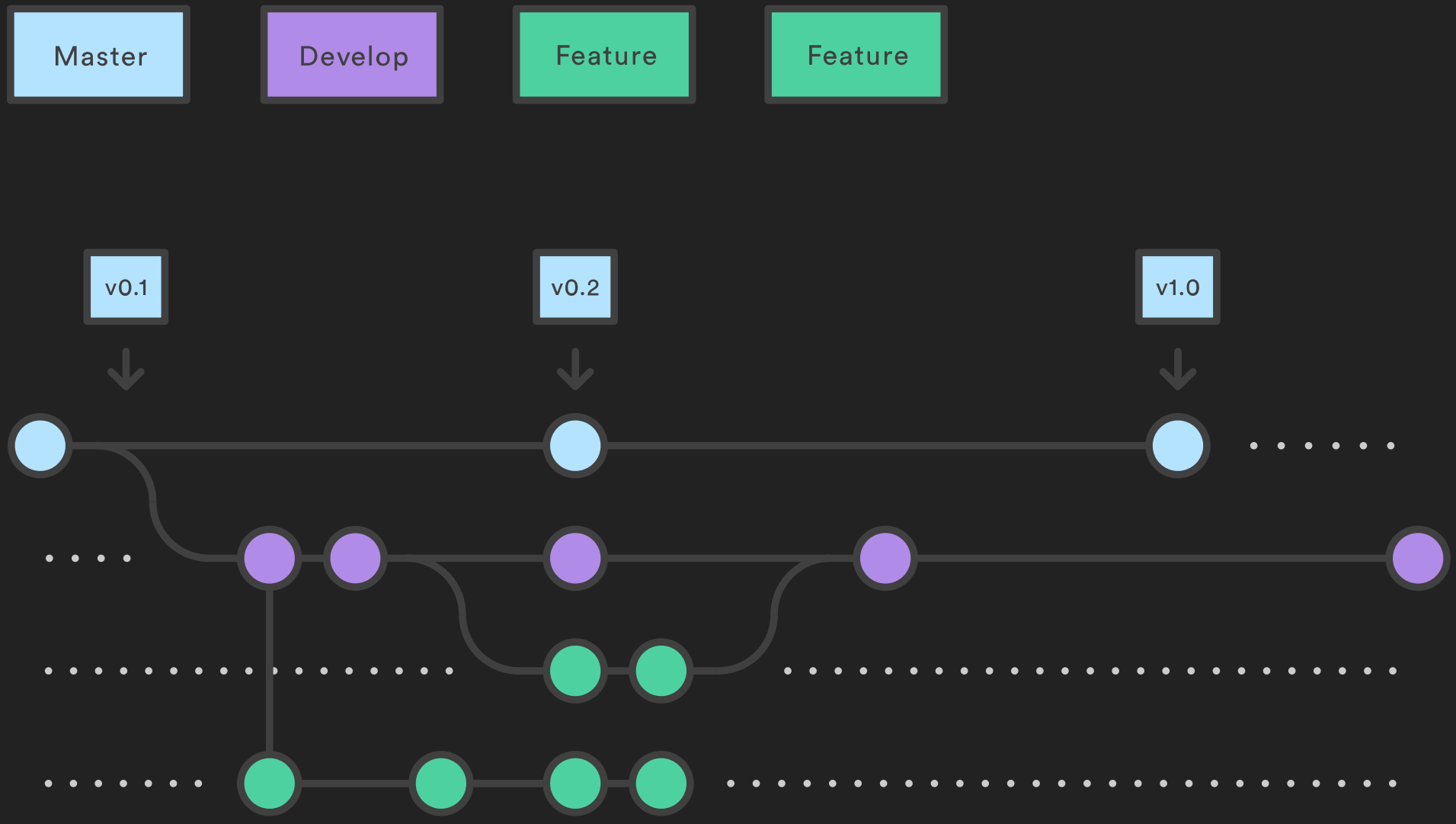

Master
Develop
v0.1
v0.2
v1.0

MASTER BRANCH

The Master branch will hold all the public releases of the project.

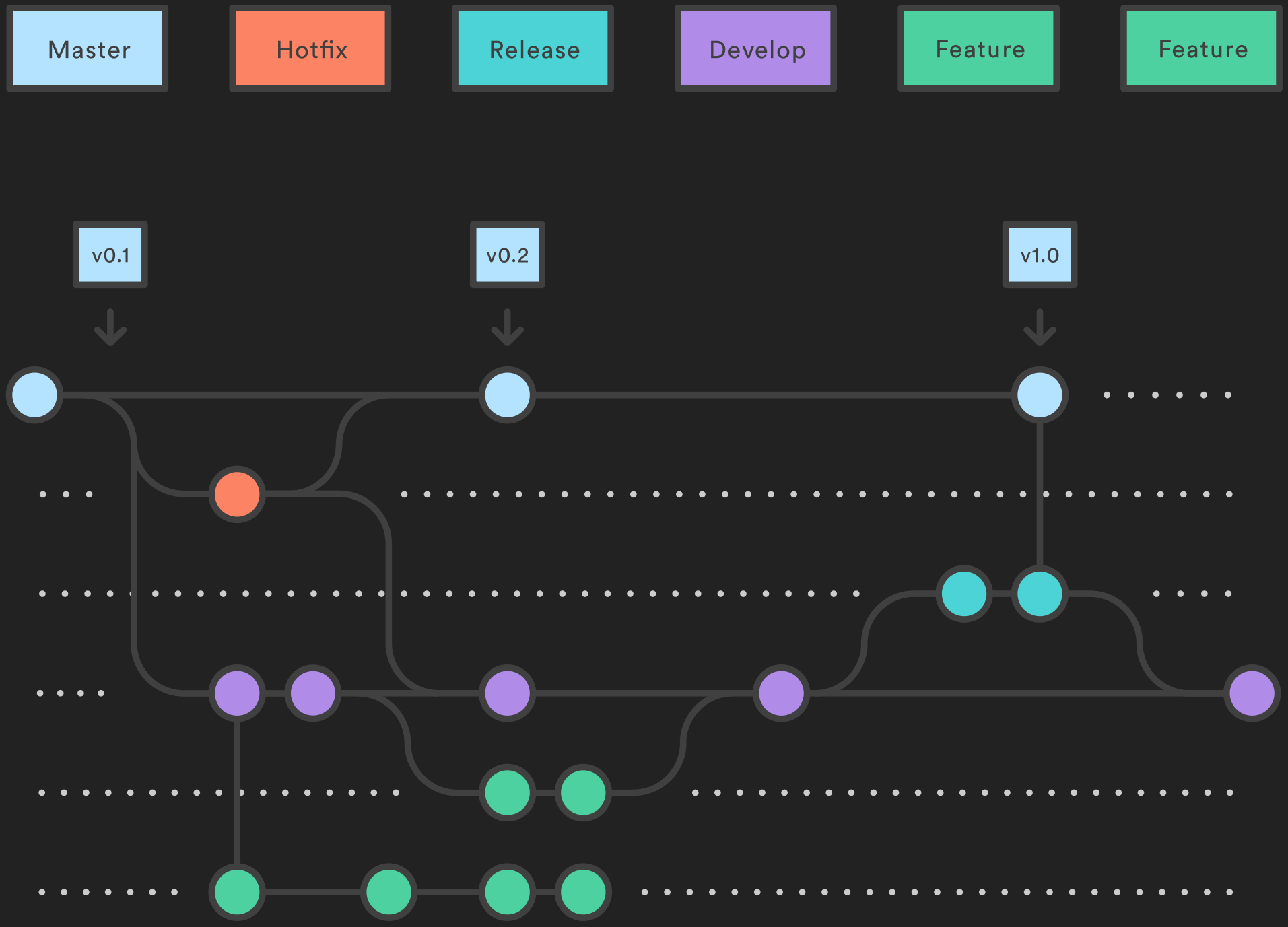
FEATURE BRANCHES

Feature branches start and end on the Development branch.


Master
Develop
Feature
Feature
v0.1
v0.2
v1.0

HOTFIX BRANCHES

Hotfixes are branched from master to be fixed and then merged back into Master and Development branches.


Master
Hotfix
Release
Develop
Feature
Feature
v0.1
v0.2
v1.0

THE OVERALL FLOW OF GITFLOW IS:

- A develop branch is created from master
- A release branch is created from develop
- Feature branches are created from develop
- When a feature is complete it is merged into the develop branch
- When the release branch is done it is merged into develop and master
- If an issue in master is detected a hotfix branch is created from master
- Once the hotfix is complete it is merged to both develop and master

RESOURCES

- More detail on this workflow
- A comparision of common workflows