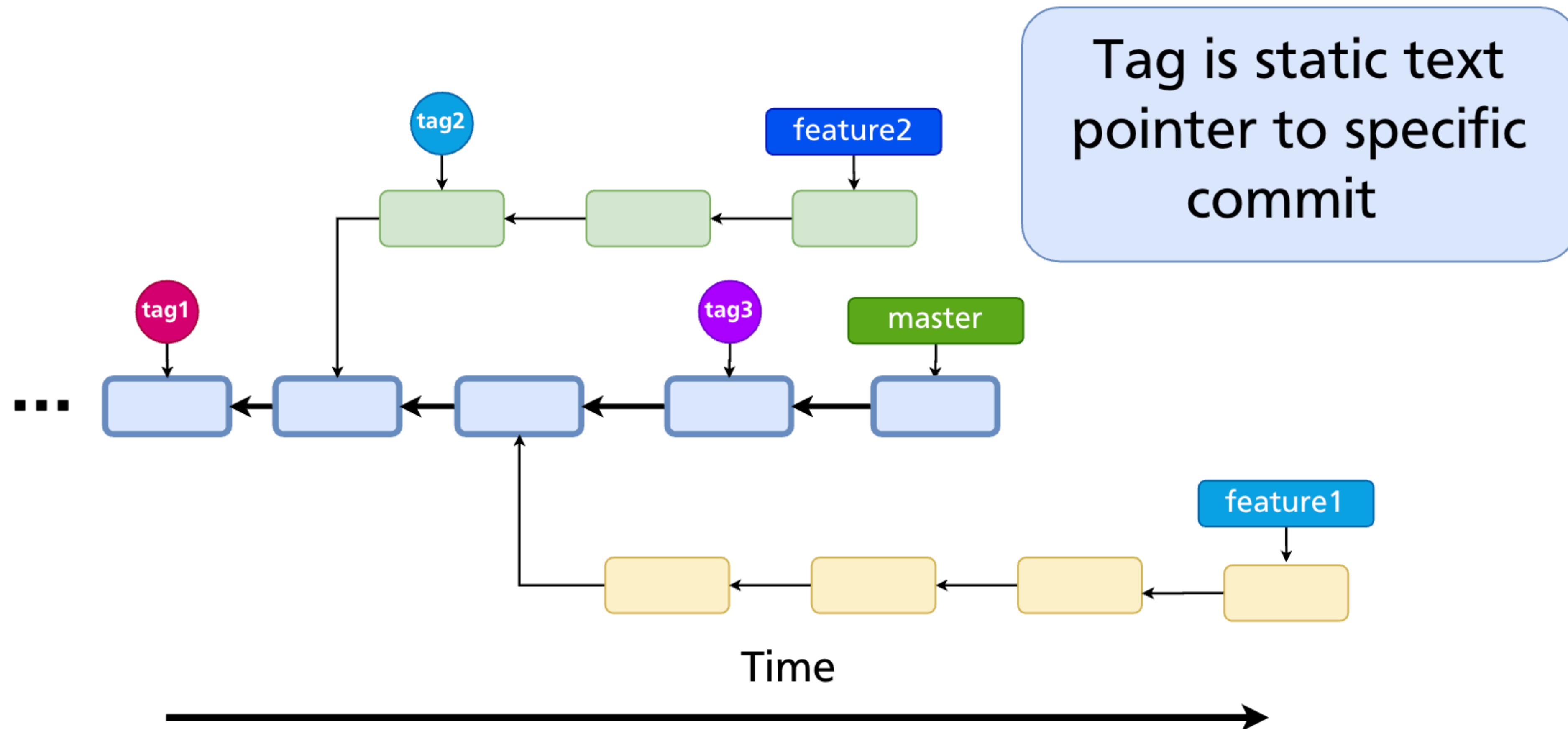


Git tags



CI/CD

Continuous integration / Continuous development

Staging

release

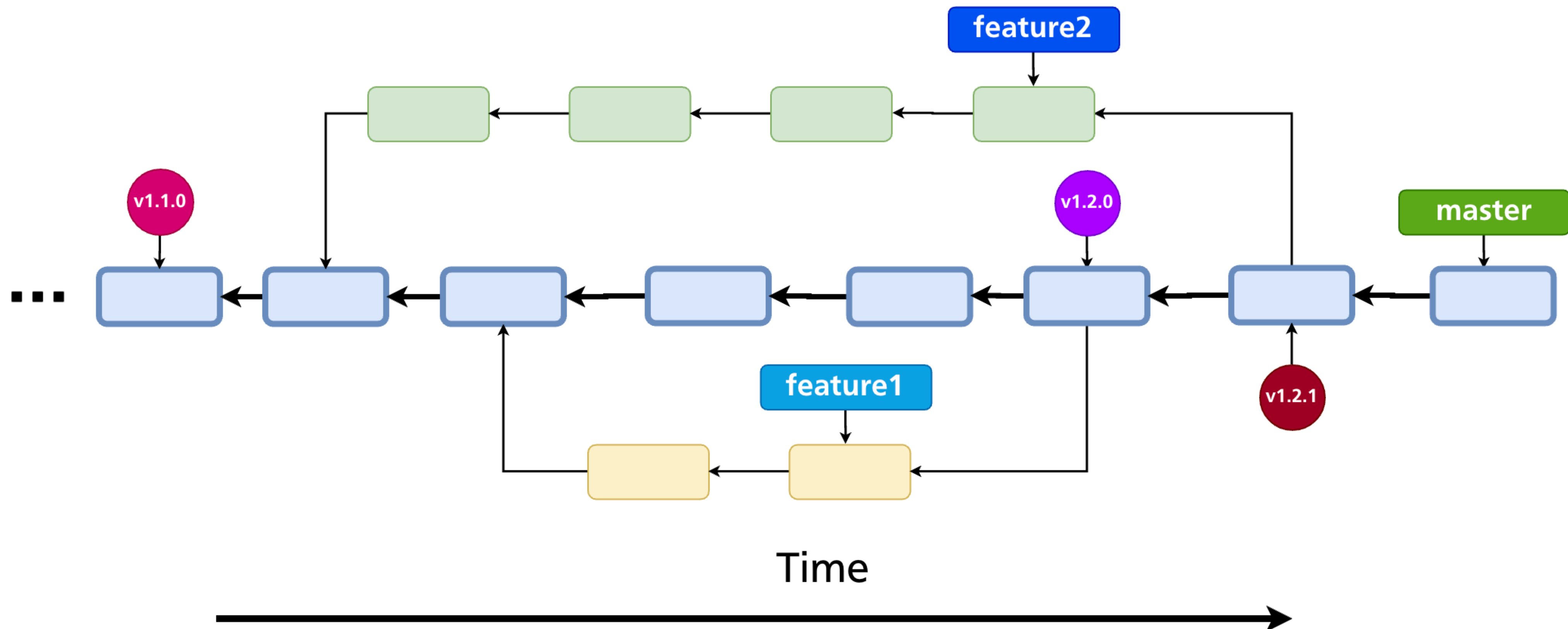
- primarily for testing
- usually for internal use
- merging is performed frequently
- different feature branches are merged into release branch
- multiple people may have merge rights

Production

master

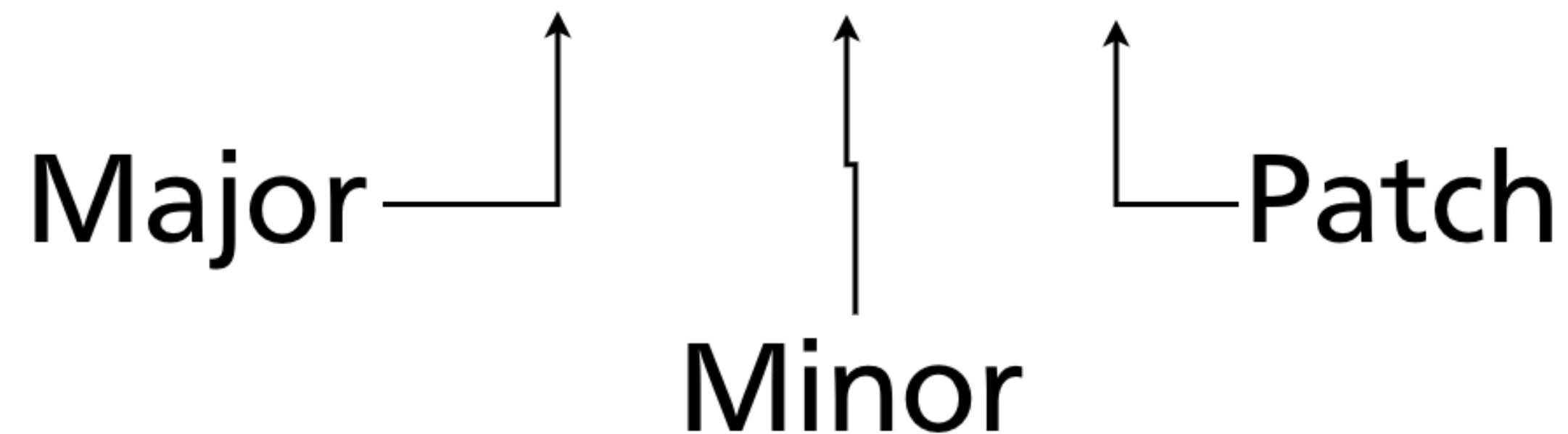
- for stable production service
- for customers
- merging happens each 2 weeks or 1 month
- usually only release branch is merged into master branch
- only few people have merge rights

Git release versions and tags



Semantic Versioning

5.2.4



<https://semver.org/>

Git Tags

Lightweight

```
git tag v1.0.0
```

- is stored in the **.git/refs/tags**

Annotated

```
git tag -a v1.0.0 -m "New tag"
```

- is stored in the **.git/refs/tags**
- is also stored in the **.git/objects**
- stores tag message
- stores tag author and date