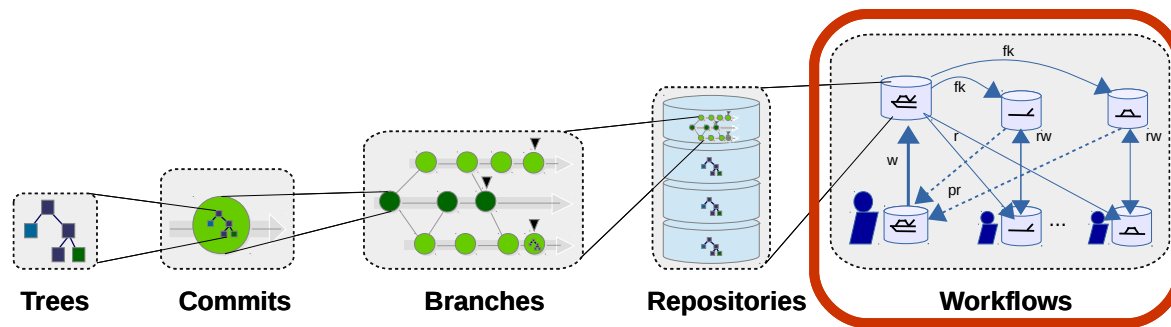
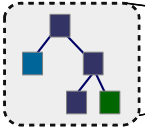
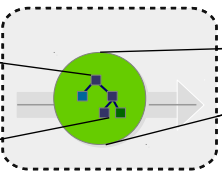


Visualizing Git Workflows

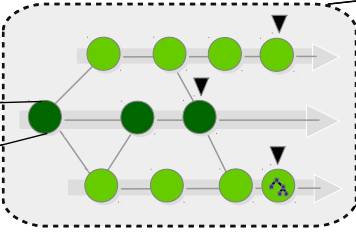




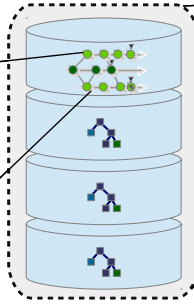
Trees



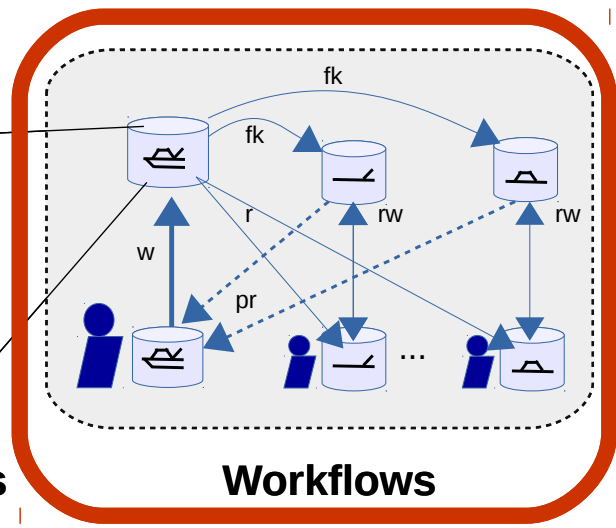
Commits



Branches



Repositories



Workflows

Workflows

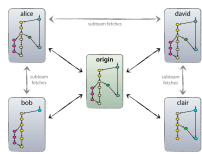


Workflow = best practices + tools

```

init repo
cd <dir>
git init

new commit
<changes>
git add -A ./
git status
git commit -am "msg"
    
```



```

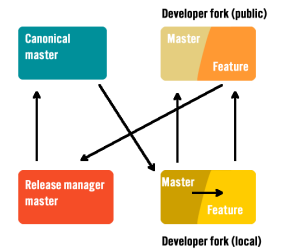
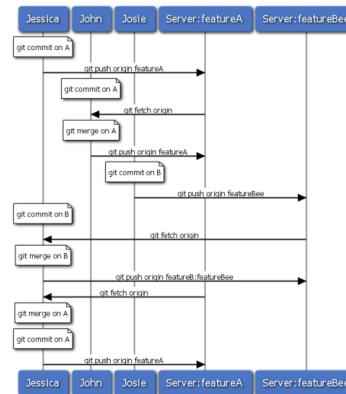
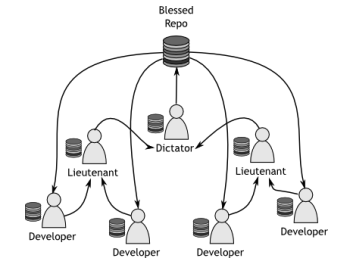
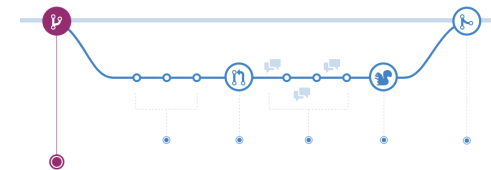
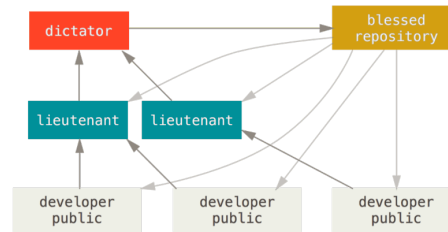
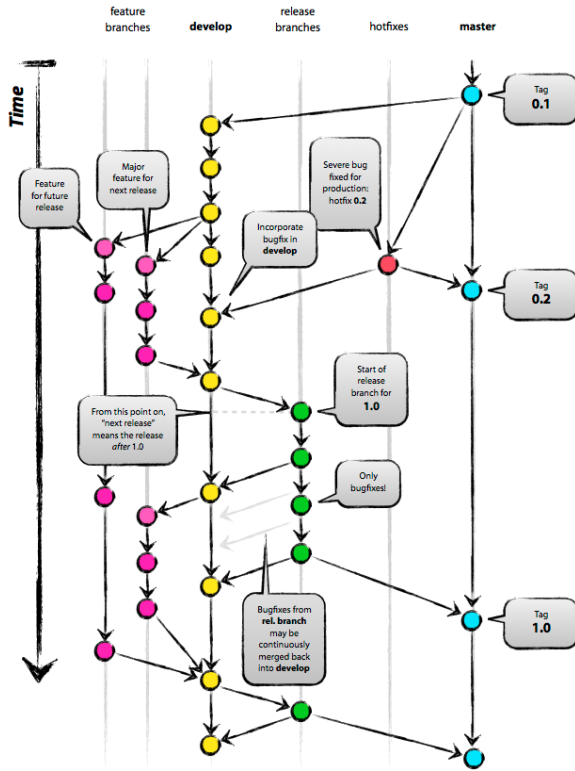
init repo
web: new repo
git clone https://github.com/...

new commit
<changes>
git add -A ./
git status
git commit -am "msg"

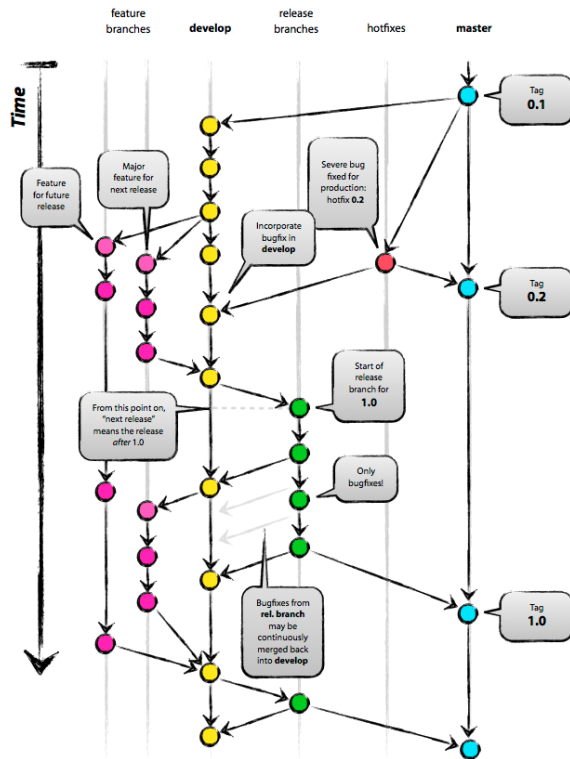
pull
git pull root master

(merge)
git status
git checkout <branch>
git status
git add -A ./
git commit -am "msg"

push
git push root master
    
```



Choosing/Defining a workflow



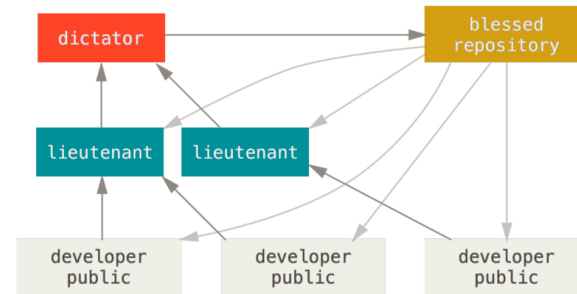
- how many **people** ?
- how **fast** ?
- **trust/skill** levels ?
- **geographical** distribution ?
- high/low **ceremonies** ?
- **tool** integrations ?
- acceptable **complexity** ?
- product quality factors ?
- dev / maintenance ?
- ...

```
init repo
cd <dir>
git init

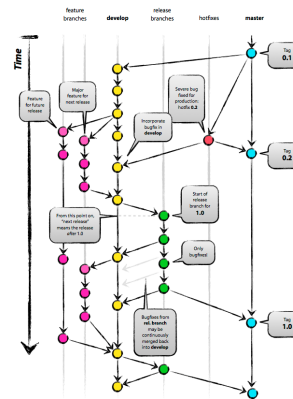
new commit
<changes>
git status
git add -A /
git status
git commit -am "<msg>"
```

Workflows elements

- repositories
- branches
- merge/pull request
- reviews
- issues/boards
- testing
- continuous integration
- releases



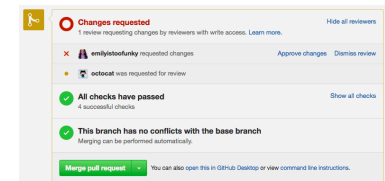
repositories



branches



pull request



reviews



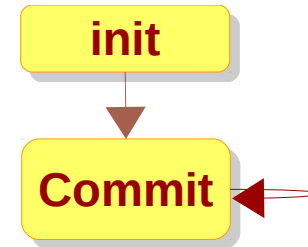
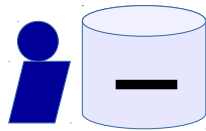
Workflows

Some workflows

- "Private workflow"
- "Centralized workflows"
- "Feature-branch workflows"
- "Rebase workflow"
- "Hashrocket workflow"
- "Star wars spring workflow"
- "Whispering pines workflow"
- "Gitflow"
- "GitHub flow"
- "GitLab flow"
- "Atlassian Simple Git Workflow"
- "Forking workflows"

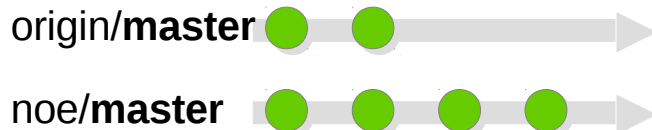
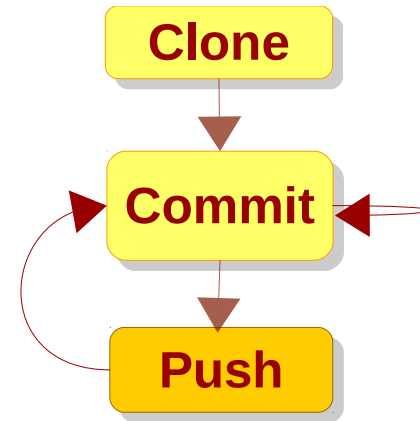
...

Private workflow



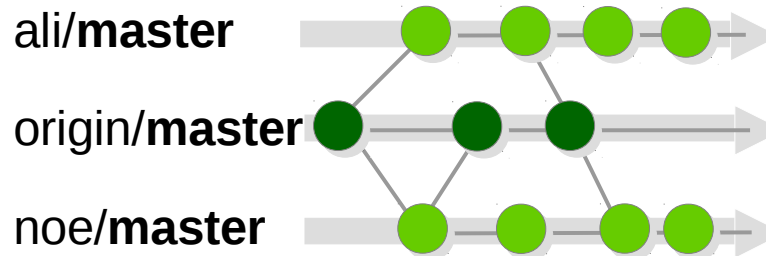
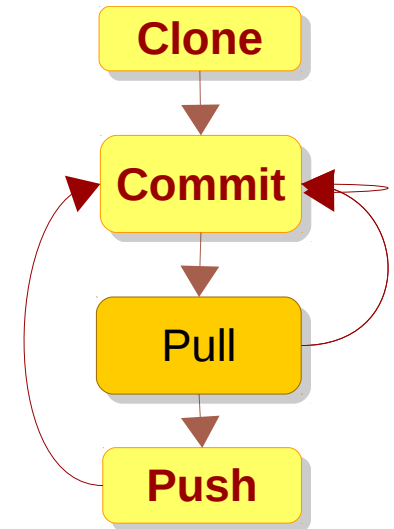
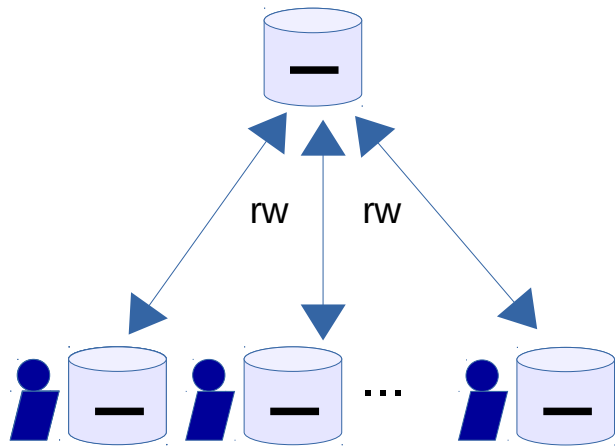
=> <https://scribestools.readthedocs.io/en/latest/github/index.html#private-workflow>

Public workflow



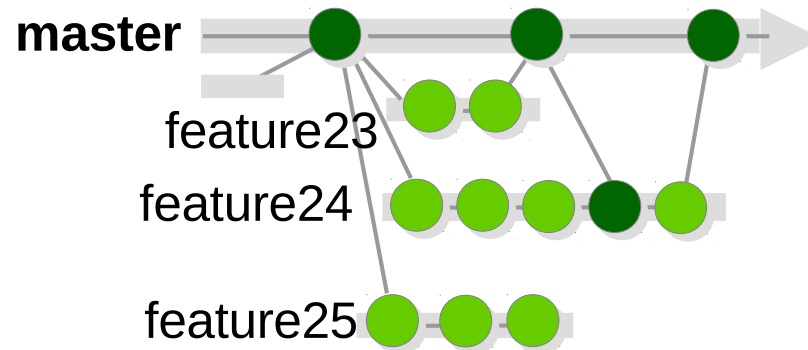
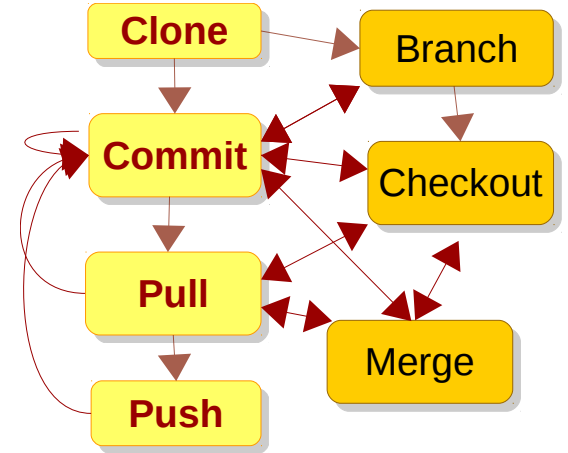
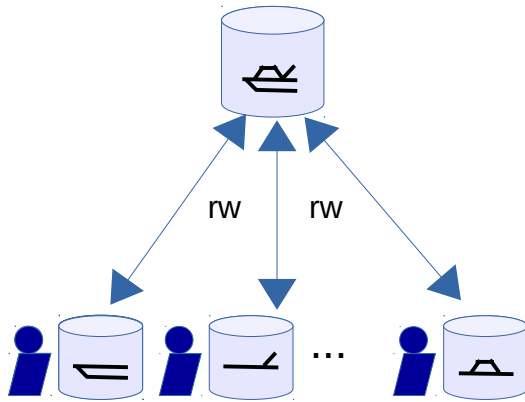
=> <https://scribestools.readthedocs.io/en/latest/github/index.html#public-workflow>

Shared master workflow



=> <https://scribestools.readthedocs.io/en/latest/github/index.html#shared-master-workflow>

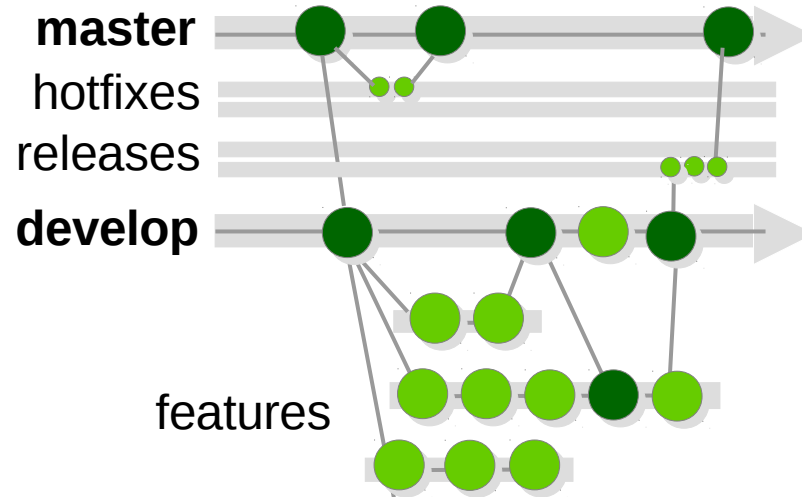
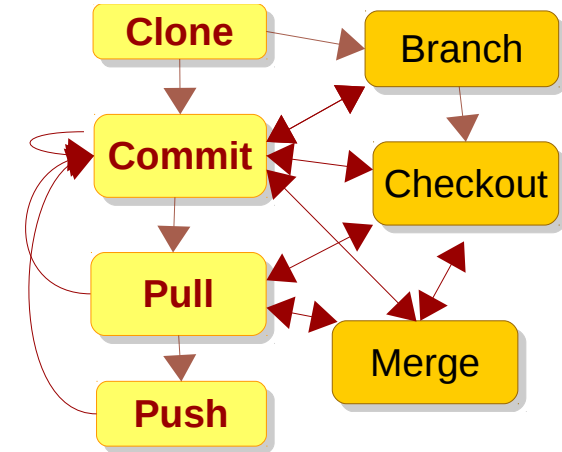
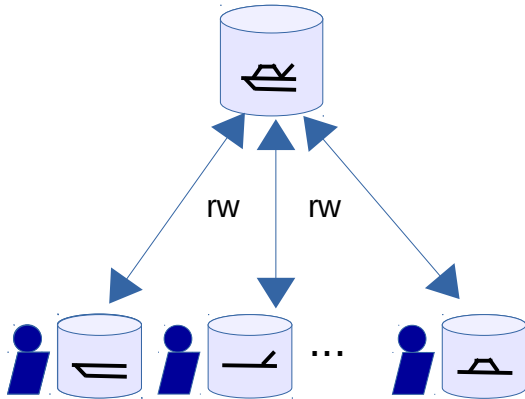
Feature branches workflow



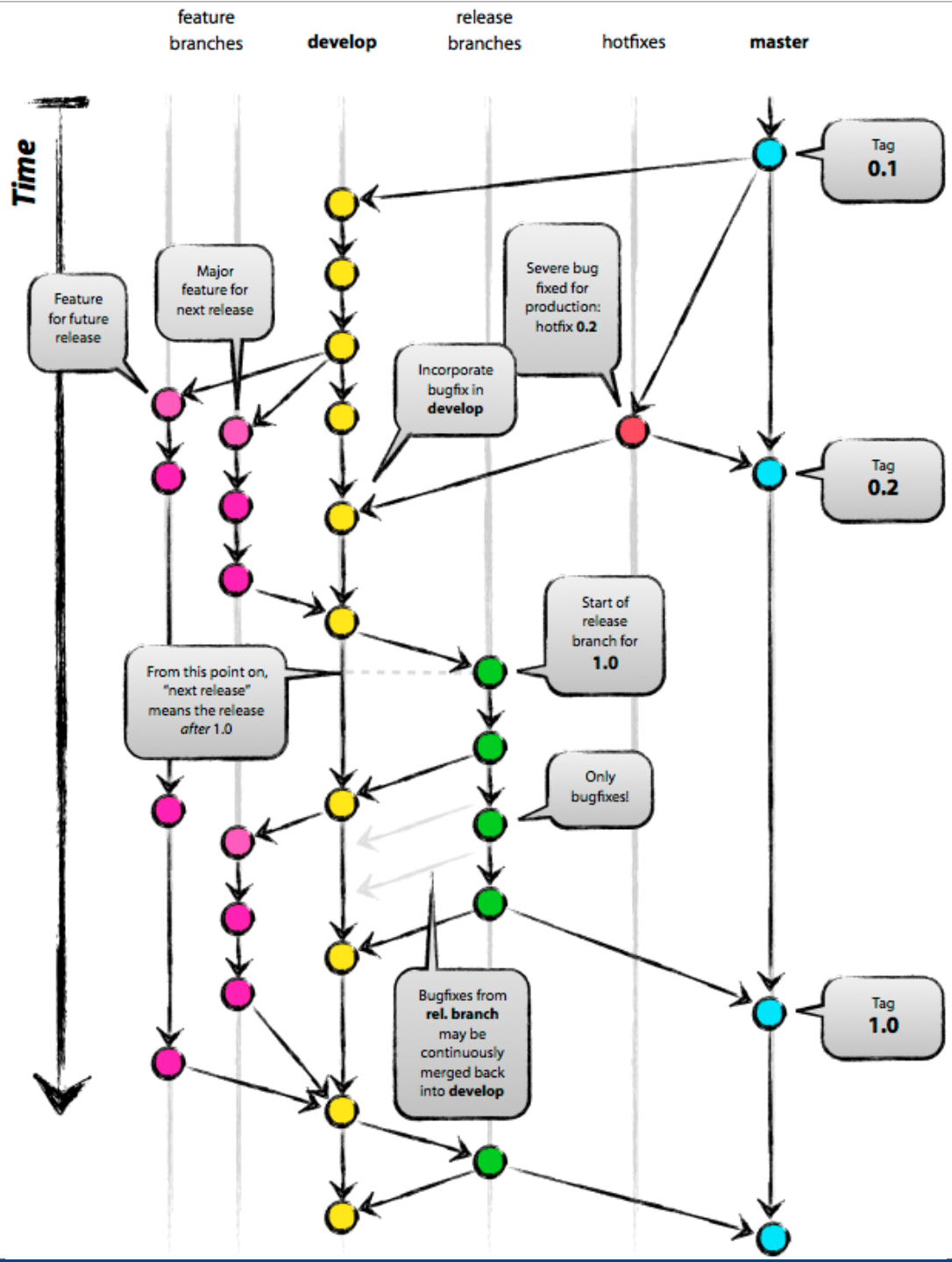
=> <https://scribestools.readthedocs.io/en/latest/github/index.html#feature-branches-workflow>



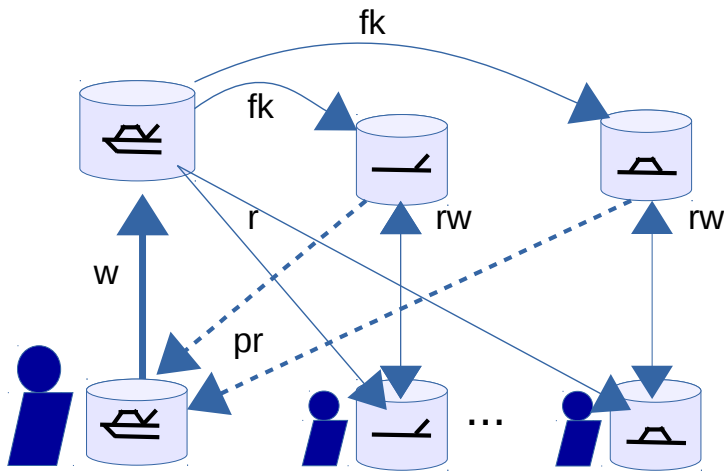
Git flow



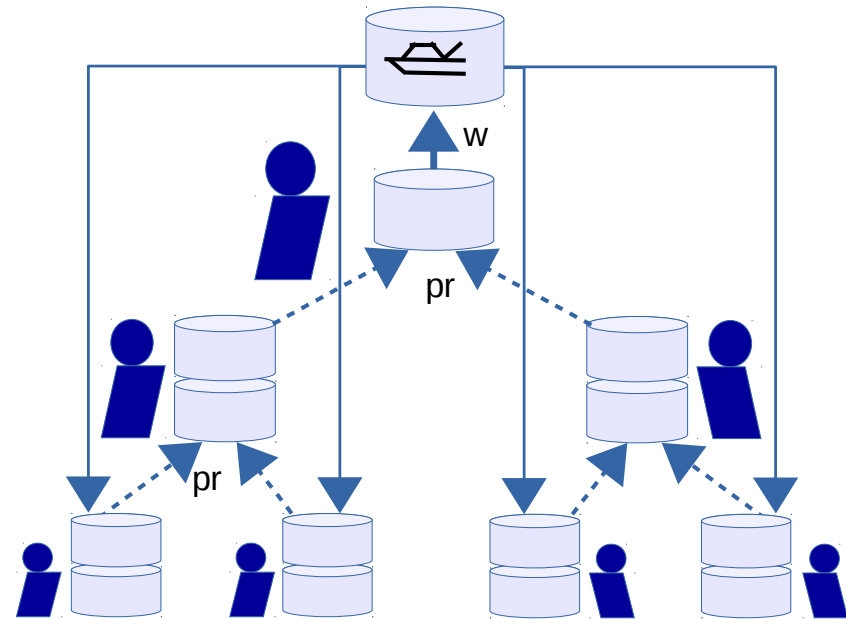
=> <https://scribestools.readthedocs.io/en/latest/github/index.html#git-flow>



Open source workflows

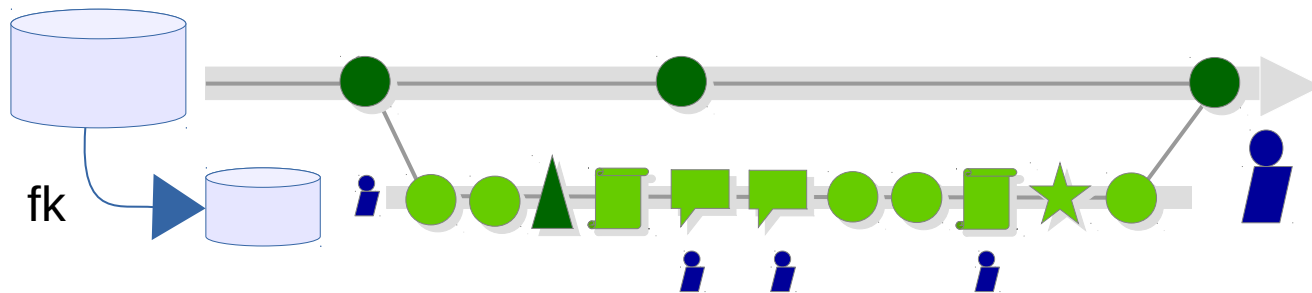
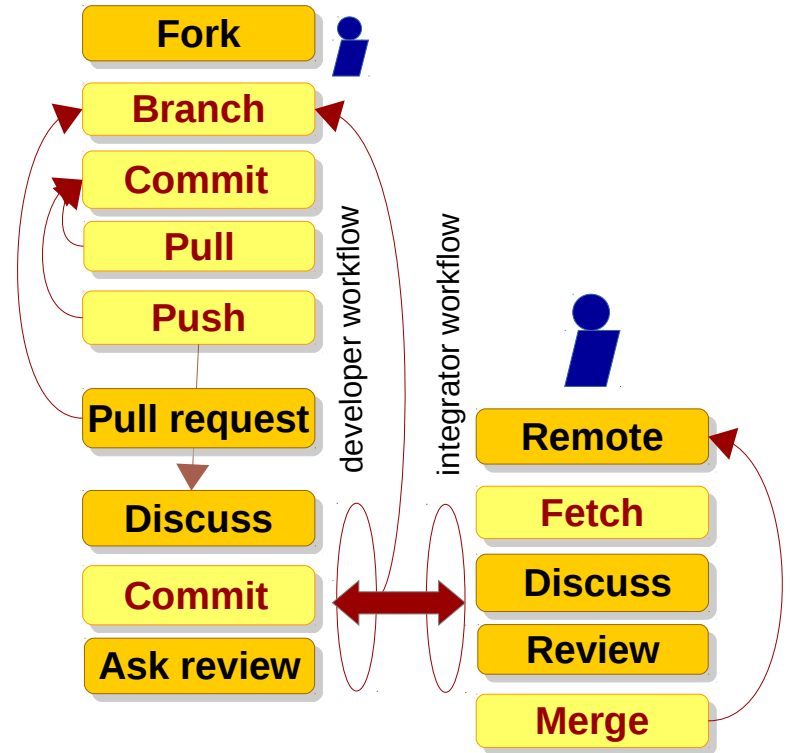
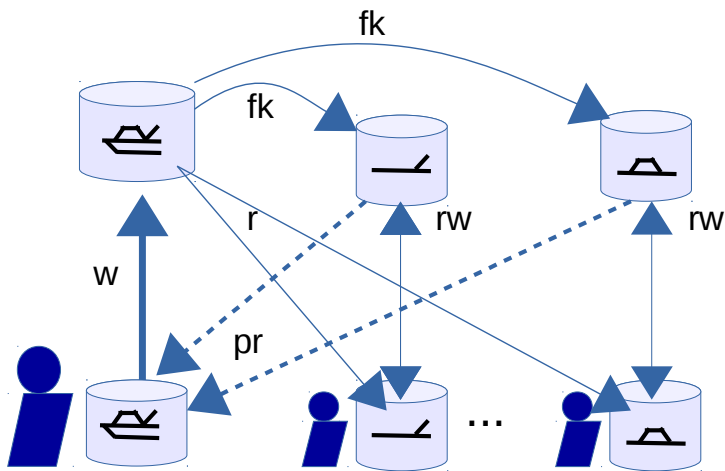


Integration manager workflow

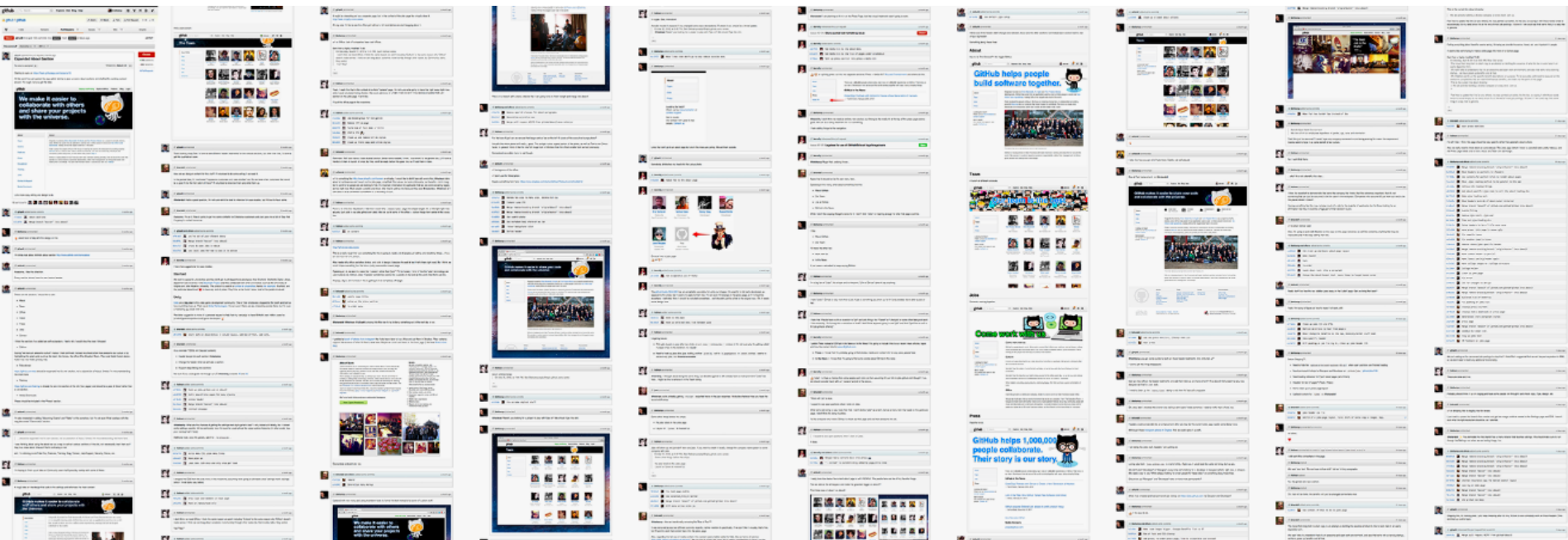


Benevolent dictator workflow

Pull-requests / Github flow



Pull-requests -- Overview



<https://cloud.githubusercontent.com/assets/391331/6142393/72c7ff64-b16a-11e4-9e74-5b3c468ea791.png>

Pull-requests -- Example



deprecate make-col-ready in favor of make-col-ready **Commit** ✓ c36f040

Johann-S added `css` `v4` labels a day ago

XhmikosR requested a review from **mdo** a day ago

XhmikosR deleted a comment from **lunelson** 13 hours ago

New changes since you last viewed [View changes](#)

undelete make-col-ready mixin, to not break reliant user code **Commit** ✓ eef541a

Notifications

Subscribe

You're not receiving notifications from this thread.

2 participants



Discussions



Review



Review required

[Hide all reviewers](#)

At least one approved review is required by reviewers with write access. [Learn more.](#)



mdo was requested for review



All checks have passed

[Hide all checks](#)

1 successful check

Tests



continuous-integration/travis-ci/pr — The Travis CI build passed

Required

[Details](#)

Pull-requests -- Reviews

data/reusables/open-source.yml

@@ -0,0 +1,5 @@

```
1 +open-source-handbook-repositories: |
2 + For more information on open source, speci
```



octocat 28 days ago

"provide best practices relating to creating repositories"

Unified

Split

Review changes 3

Submit your 3 pending comments

Review summary

This is looking ✨! I've left a few comments that should be addressed before this gets merged. 😊

- Comment**
Submit general feedback without explicit approval.
- Approve**
Submit feedback and approve merging these changes.
- Request changes**
Submit feedback that must be addressed before merging.



Changes requested

1 review requesting changes by



emilyistoofunky requested



octocat was requested for

Pull-requests -- Merge

Add more commits by pushing to the **12-remove-add-button** branch on **ScribesZone/_CyberGithubTestSR**.



Review requested

[Show all reviewers](#)

Review has been requested on this pull request. It is not required to merge. [Learn more](#).



This branch has no conflicts with the base branch

Merging can be performed automatically.

Merge pull request



or view [command line instructions](#).

✓ Create a merge commit

All commits from this branch will be added to the base branch via a merge commit.

Squash and merge

The 1 commit from this branch will be added to the base branch.

Rebase and merge

The 1 commit from this branch will be rebased and added to the base branch.

Automatically test your code

Prevent errors in your code before you merge.

