


GitHub Collaboration

Presented by **TK**  **NIY**



Tools

- ▶ GitHub desktop (win10 & macOS)
- ▶ Git
- ▶ github.com

Changes	History	Add event handler to dropdown component			
Appease linter iAmWillShepherd committed a day ago		iAmWillShepherd and Markus Olsson committed c79e71c 1 changed file			
Add event handler to dropdown compon...		Co-Authored-By: Markus Olsson <niik@users.noreply.github.com>			
		app\src\ui\toolbar\dropdown.tsx			@@ -145,6 +145,10 @@ export class ToolbarDropdown extends React.Component<
Move escape behavior to correct compo...				145 145	this.state = { clientRect: null }
				146 146	}
				147 147	
Remove event handler from the branches..					+ private get isOpen() {
					+ return this.props.dropdownState === 'open'
					+ }
					+
Merge branch 'master' into esc-pr iAmWillShepherd committed a day ago					
Merge pull request #4044 from desktop/...				148 152	private dropdownIcon(state: DropdownState): OcticonSymbol {
				149 153	// @TODO: Remake triangle octicon in a 12px version,
Merge pull request #4070 from desktop/...				150 154	// right now it's scaled badly on normal dpi monitors.
bump to beta3 Brendan Forster committed 2 days ago					@@ -249,6 +253,13 @@ export class ToolbarDropdown extends React.Component<
Merge pull request #4057 from desktop/...				249 253	}
				250 254	}
				251 255	
Merge pull request #4067 from desktop/...					+ private onFoldoutKeyDown = (event: React.KeyboardEvent<HTMLElement>) => {
					+ if (!event.defaultPrevented && this.isOpen && event.key === 'Escape') {
Release to 1.1.0-beta2 Neha Batra committed 2 days ago					+ event.preventDefault()



<https://desktop.github.com/>

Git

- ▶ Win10:
 - ▶ Git GUI
 - ▶ Git bash
 - ▶ Git in cmd & powershell
- ▶ MacOS:
 - ▶ No idea
- ▶ Linux:
 - ▶ Git in bash
- ▶ Third party:
 - ▶ Embed in IDE
 - ▶ Software: GitKraken...

Git

- ▶ Basic skills:
 - ▶ Commit
 - ▶ Version control
 - ▶ Remote
 - ▶ Branch



<https://www.liaoxuefeng.com/wiki/896043488029600/896827951938304>

Github.com

- ▶ Basic skills:
 - ▶ Create repo
 - ▶ Update repo
 - ▶ Clone
 - ▶ Issue
 - ▶ Explore
 - ▶ Trending
 - ▶ GitHub education





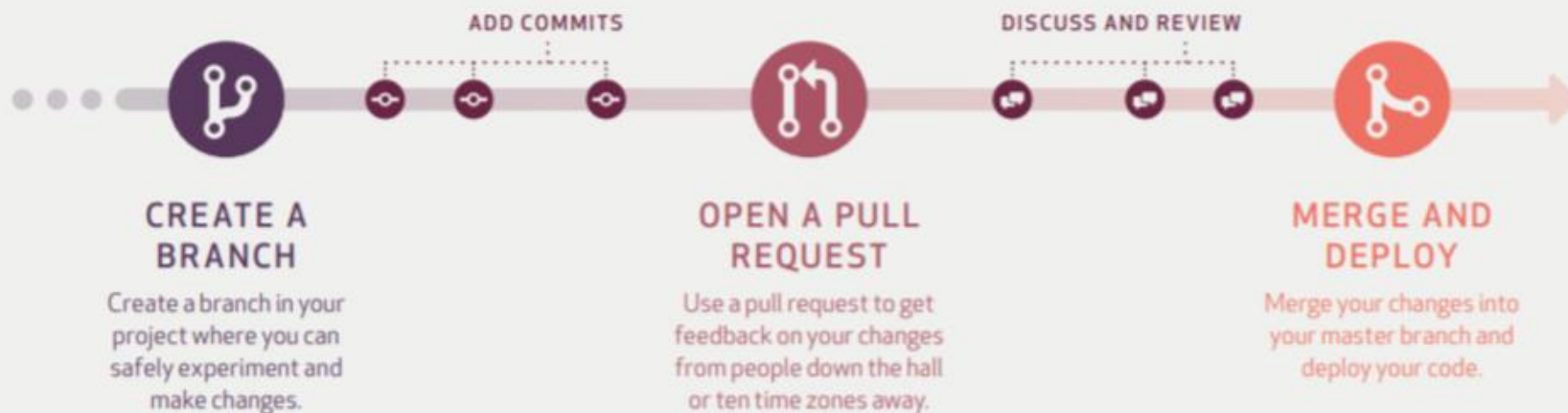
GitHub Workflow

Every action is branch-to-branch

<https://guides.github.com/introduction/flow/>

WORK FAST WORK SMART THE GITHUB FLOW

The GitHub Flow is a lightweight, branch-based workflow that's great for teams and projects with regular deployments. Find this and other guides at <http://guides.github.com/>.



GitHub is the best way to build software together.

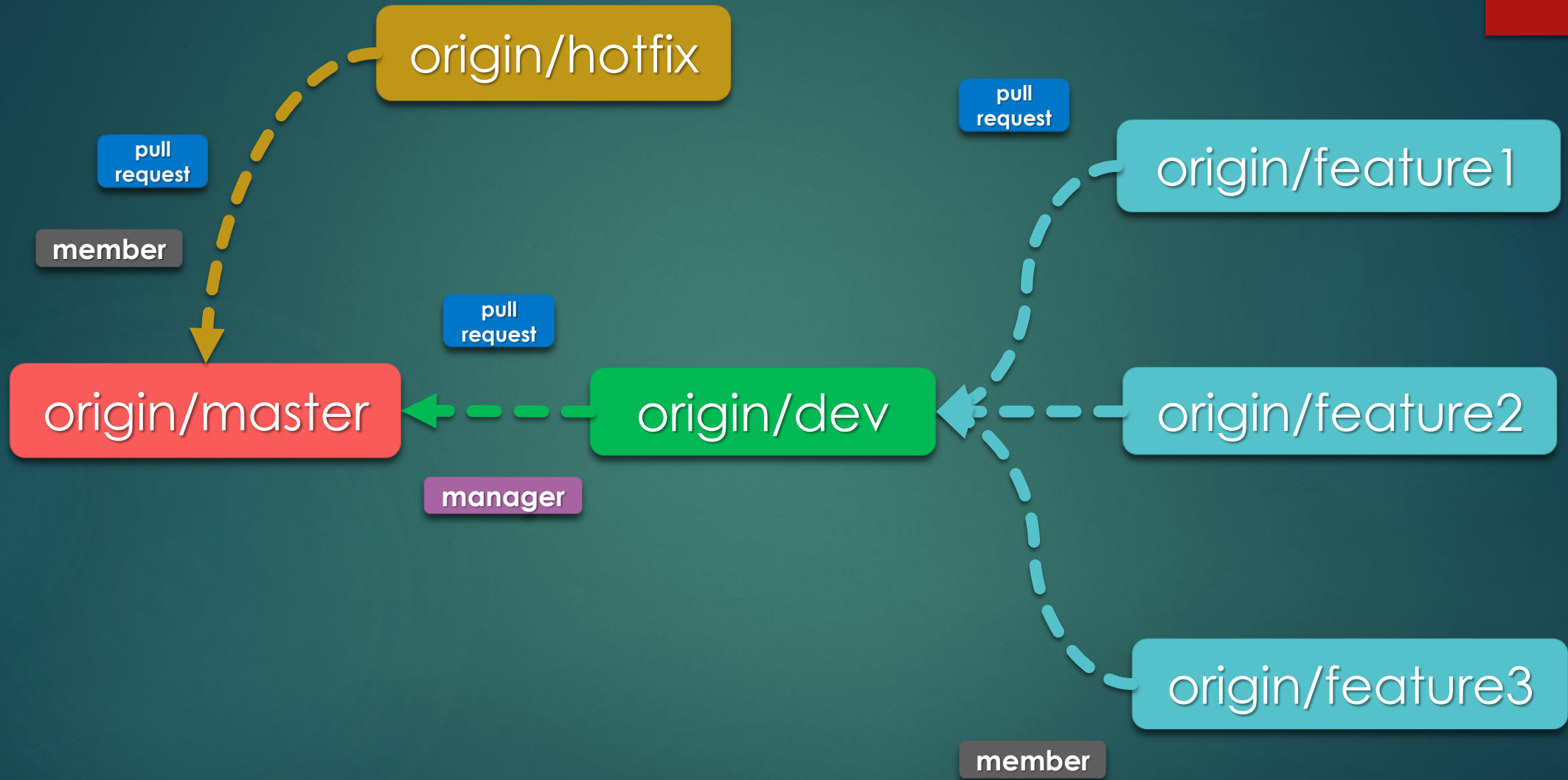
GitHub provides tools for easier collaboration and code sharing from any device. Start collaborating with millions of developers today!

GitHub Workflow

- ▶ Online Branch:
 - ▶ origin/**master**: stable version, need pull request and 4 review.
 - ▶ origin/**dev**: beta version, be able to run.
 - ▶ origin/**feature1,2,3...**: temporally building a feature
 - ▶ origin/**hotfix**: temporally fixing a bug

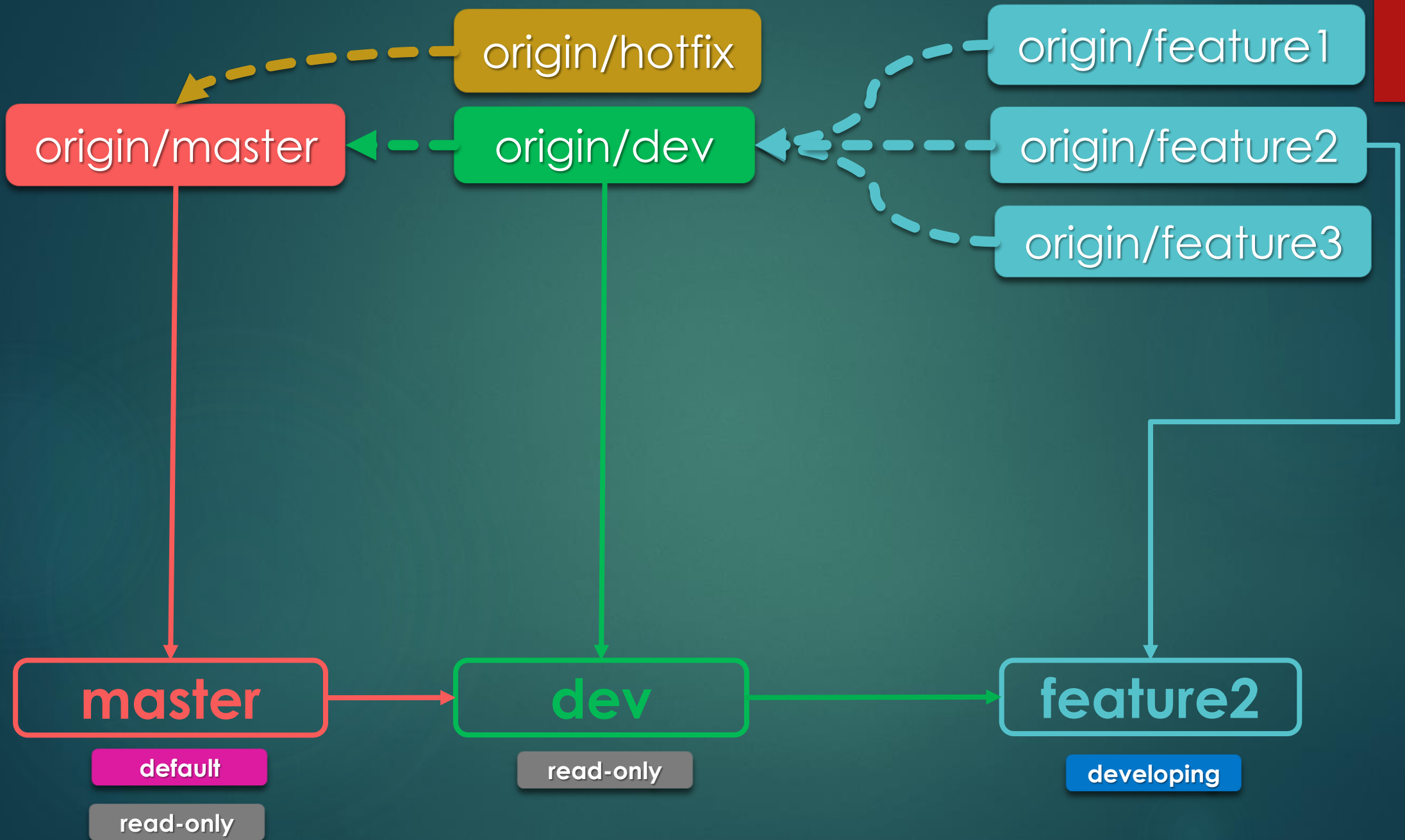
GitHub Workflow





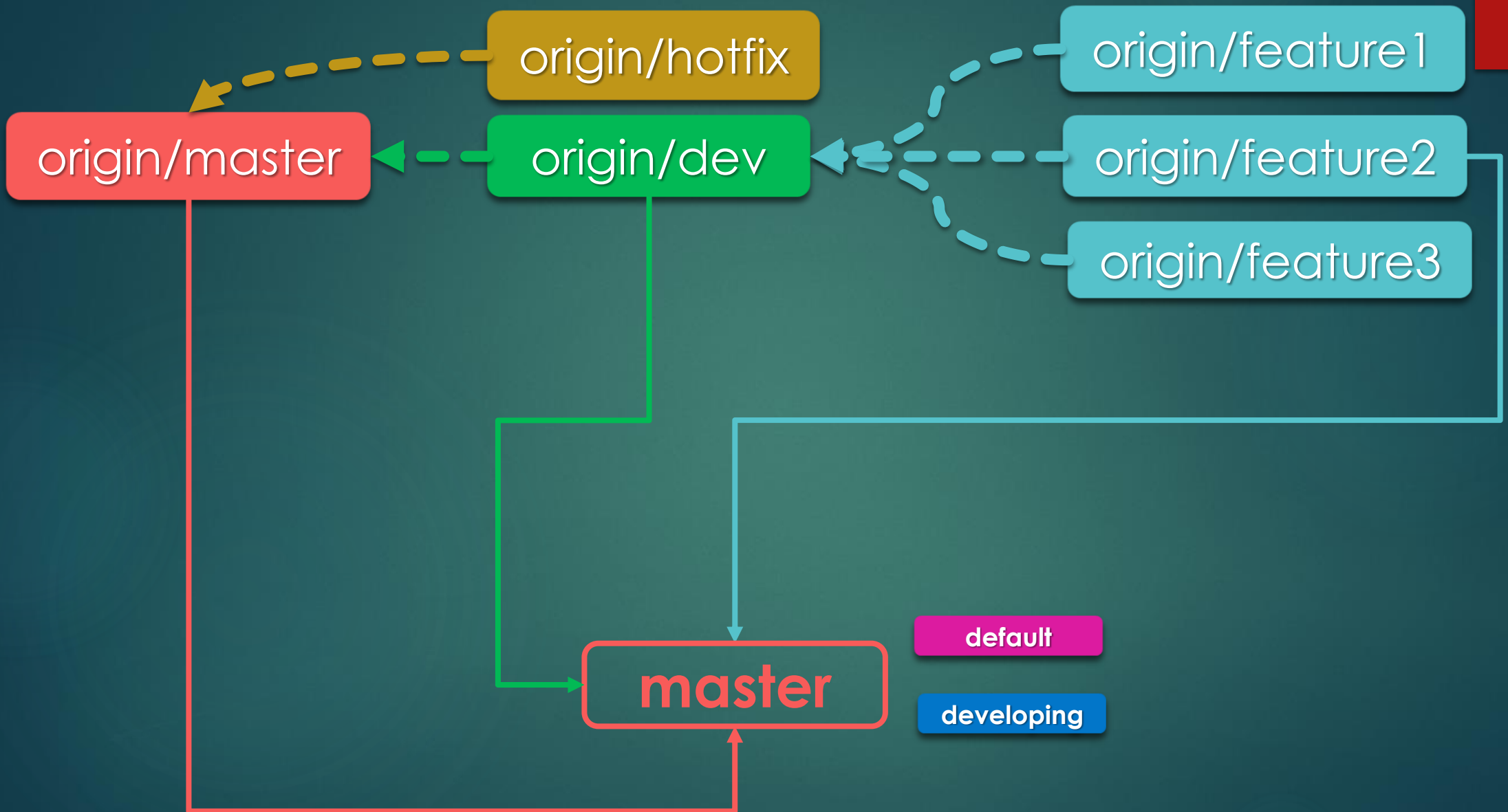
GitHub Workflow

- ▶ Local Branch: (common version)
 - ▶ **master**: Created by git clone. A stable version.
 - ▶ **dev**: Used to test a new version.
 - ▶ **feature1**: The feature you're developing.
 - ▶ **temp**: Other branches.





Every action is branch-to-branch



GitHub Workflow

- ▶ Local Branch: (simple version) (**recommend**)
 - ▶ **master:**
 - ▶ Created by git clone.
 - ▶ The feature you're developing.
 - ▶ Pay attention to the sequence of git-fetch.



How to work with GitHub workflow.

1. 查看仓库中的pull request, 参与讨论, 没问题则确认review(我还没测试过这个功能)或者留个言表示肯定。
2. 更新本地的feature分支, 与线上的feature分支同步。两种方法:
 - ~~1. git **pull** origin feature (当你很自信的时候)~~
 2. review & merge (当你不确定这次同步的具体内容的时候)
 1. git **fetch** origin feature
 2. git **diff** origin/feature (仅查看差异)
or git **log --graph -p** origin/feature (查看在线分支最近的commit flow)
 3. git **merge** origin/feature
3. 查看origin/dev分支是否有通过了pull request的新提交, 若有, 则将origin/dev分支merge到本地feature分支上, 方法同2。
4. 在本地继续完善feature, 需要将本地的提交更新至origin/feature。
 1. git push origin feature
5. 完善了一个阶段的feature, 在GitHub上发起feature->dev的pull request。

About pull request reviewers

Read this official tutorial carefully.

<https://help.github.com/en/github/collaborating-with-issues-and-pull-requests/about-pull-request-reviews>

Manager's duty

- ▶ Manage pull request:
- ▶ Update origin/master:
 - ▶ Create a pull request: origin/dev->origin/master.
 - ▶ Discussed with members.
 - ▶ Merge this pull request.
- ▶ Manage issue and milestone.

Project

- ▶ Issue
 - ▶ Progress bar
 - ▶ Pull request
 - ▶ Assignees
- ▶ Milestone
- ▶ Kanban

The screenshot displays the GitHub Projects interface for the 'octo-org' organization. At the top, navigation tabs include 'Repositories 12', 'People 14', 'Teams 15', 'Projects 6' (which is selected), and 'Settings'. Below the navigation, the page title is 'octo-org projects for Q4' with a subtext 'Updated just now'. The main area is a Kanban board with three columns: 'To do' (3 items), 'In progress' (0 items), and 'Done' (0 items). The 'To do' column contains three cards: a welcome message with a checklist of tasks (all checked except the last two), a 'Cards' card explaining their use, and an 'Automation' card. Each card is attributed to 'jmarlena'. At the bottom of each column, there is a status indicator: 'Automated as To do' for the first column, 'Automated as In progress' for the second, and 'Automated as Done' for the third, each with a 'Manage' link.

octo-org

Repositories 12 People 14 Teams 15 Projects 6 Settings

octo-org projects for Q4
Updated just now

3 To do + ...

- ✉️ ✨ Welcome to GitHub Projects ✨ ...
We're so excited that you've decided to create a new project! Now that you're here, let's make sure you know how to get the most out of GitHub Projects.
 - ✓ Create a new project
 - ✓ Give your project a name
 - Press the `?` key to see available keyboard shortcuts
 - Add a new column
 - Drag and drop this card to the new column
 - Search for and add issues or PRs to your project
 - Manage automation on columnsAdded by jmarlena
- ✉️ Cards ...
Cards can be added to your board to track the progress of issues and pull requests. You can also add note cards, like this one!
Added by jmarlena
- ✉️ Automation ...
[Automatically move your cards](#) to the right place based on the status and activity of your issues and pull requests.
Added by jmarlena

Automated as To do Manage

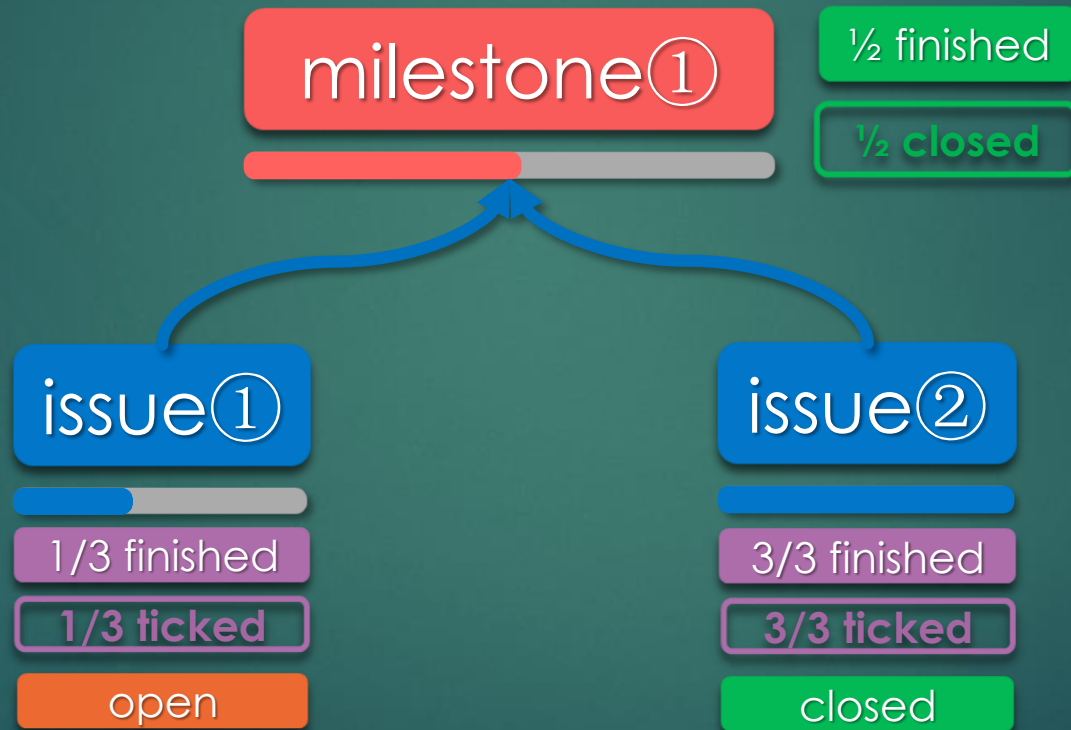
0 In progress + ...

Automated as In progress Manage

0 Done + ...

Automated as Done Manage

How is issue and milestone's progress calculated?





Others

1. How to contribute to a popular repo?
 1. Fork
 2. Pull request
2. How to manage larger teamwork?
 1. Zen Hub (free for public repo)
 2. Use organization.



Welcome to
open-source community