

Git Tutorial

backlog + **git**
by nulab

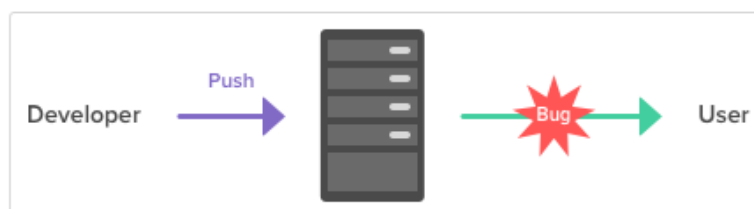
Backlog lets you manage projects with Git integration

Learn more →

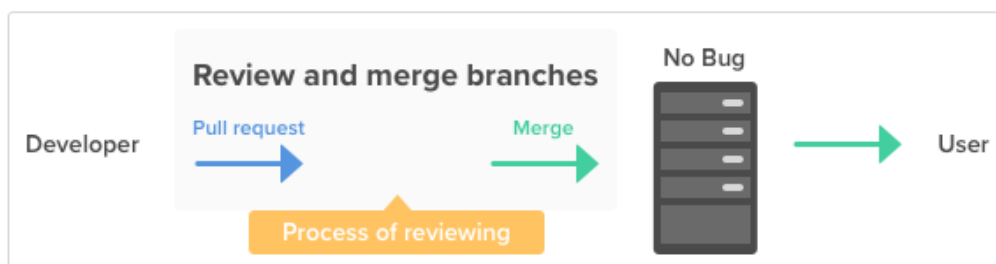
Pull requests

There are many questions and opinions when it comes to reviewing source code. Code review can be difficult to stick with because people become busy with other tasks or feel it is too time consuming to go through the changes that have been made. Often, code review becomes a neglected task.

It can be challenging to make code review an integral part of your team's workflow; pull requests make that easier.



Development without pull request



Development with pull request

A pull request notifies other development team members of changes made in your local repository. Pull requests provide the following functions:

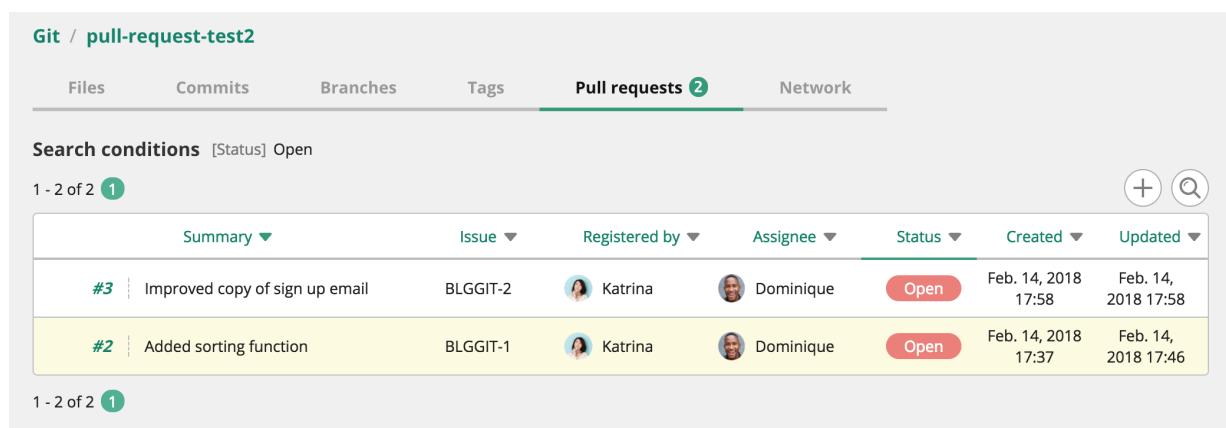
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NOTE

Pull requests are not a Git function. They were created by GitHub to make it easier for developers to participate in open source development, and, as a result, enabled them to create higher-quality source code. Pull requests are available in most major Git hosting services, such as Backlog and Bitbucket.

Benefits of pull requests

Below are a list of pull requests in Backlog. You can easily see which ones are open or have not been completed. This makes it easy for team members to review pull requests.



Git / pull-request-test2		Files	Commits	Branches	Tags	Pull requests 2	Network
Search conditions [Status] Open							
1 - 2 of 2 1							
Summary ▼	Issue ▼	Registered by ▼	Assignee ▼	Status ▼	Created ▼	Updated ▼	
#3 Improved copy of sign up email	BLGGIT-2	Katrina	Dominique	Open	Feb. 14, 2018 17:58	Feb. 14, 2018 17:58	
#2 Added sorting function	BLGGIT-1	Katrina	Dominique	Open	Feb. 14, 2018 17:37	Feb. 14, 2018 17:46	
1 - 2 of 2 1							


Pull request list in Backlog, a Git hosting service with bug tracking features.

The creator and reviewer of a pull request can have discussions right on the page using comments. These comments are recorded on the server, so they can be revisited at a later time.

You can also commit and push changes to a specific branch. The pushed commit will automatically be reflected in the pull request.

This structured code review leads to higher quality source code and provides greater context for future discussions.


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Dominique
 Feb. 14, 2018 17:12
 ★ 0
⋮

sort.js View file


2	+	number.sort(function (a, b) {
3	+	if (a == b) {
4	+	return 0;

Please use the strict equality operator (===) instead of the abstract equality operator (==).



Katrina
 Feb. 14, 2018 17:14
 ★ 0

Commit: → [1ea1f02165](#)

Fix to use the strict equality operator (===)


Katrina
 Feb. 14, 2018 17:19
 ★ 0

Fixed it.
 Please review again.


Dominique
 Feb. 14, 2018 17:28
 ★ 0
⋮

Status: Open → Merged

Thanks. Looks good to me now.

Pull request comments in Backlog.

Pull request clearly display what changes have been made to source code. The pull request creator can also add notes about what their goal was for the source code and provide supplementary information. This info helps inform the reviewer.

Pathnames affected by commit

Modify sort.js

sort.js View file

1	1	var sortNumber = function (number) {
2	2	number.sort(function (a, b) {
3	3	- if (a == b) {
4	4	+ if (a === b) {
5	5	return 0;
6	6	} return a < b ? -1 : 1;

Development process with pull requests

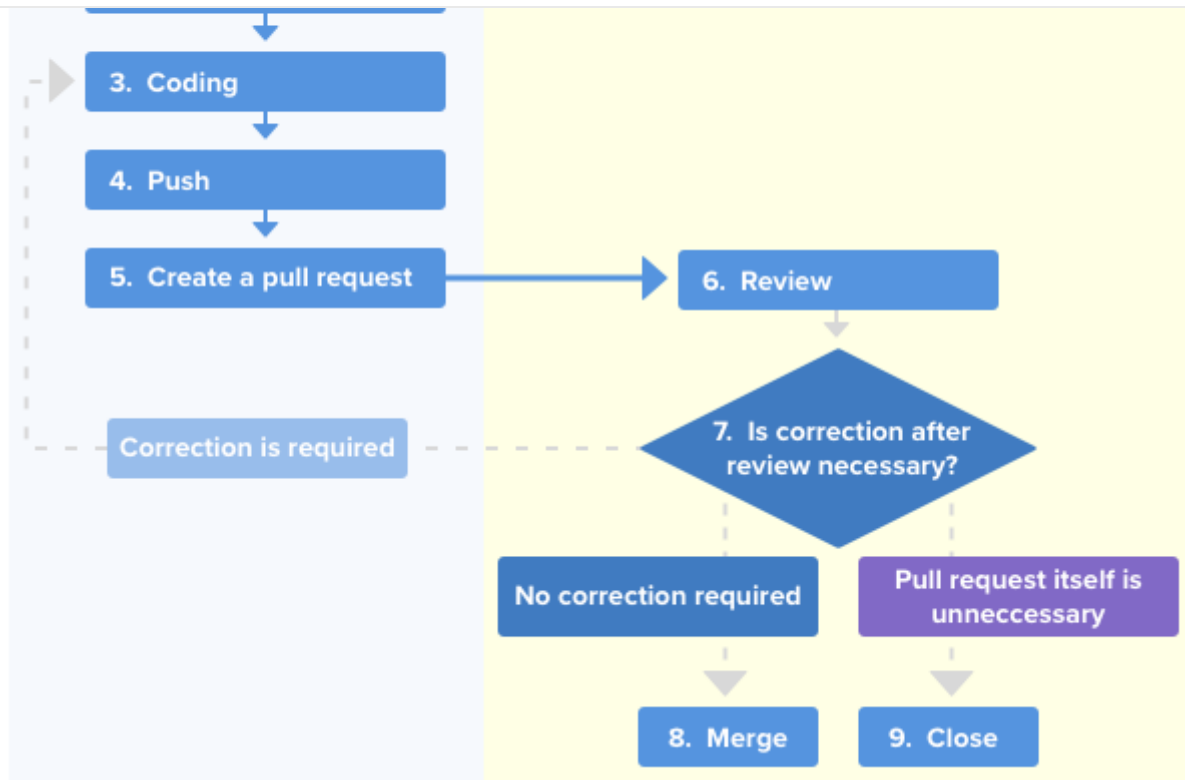
Here is a simple development workflow with pull requests your team can follow:

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4. [Developer] Push after the task is completed.
5. [Developer] Create a pull request.
6. [Review / Merge Personnel] Check the changes from the notified pull request and review.
7. [Review / Merge Personnel] Judge the work and send a feedback to the developer if necessary.
8. [Review / Merge Personnel] Merge if there is no problem as a result of the review.
9. [Review / Merge Personnel] Close if the pull request itself becomes unnecessary as a result of the review.

Repeat steps 3 through 7 as often as needed to improve the quality of the source code.

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Backlog has built-in Git repositories for every project

Try it free

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