

# How to accept a GitHub Pull Request

When a developer submits a Pull Request (PR) to the Apache Roller project on GitHub, you can follow these steps to accept and merge that PR into the Roller code base.

## Step-by-step guide

### Step #1: Carefully review the PR

Make sure that the code for the PR looks good and, ideally, includes JUnit tests that prove that the code works.

Check which branch the PR is targeting and make sure you want the code to go into that branch

If the PR is large or adds new files, then make sure the person who submitted the request has an Apache ICLA on file. Ask the contributor to fill out this form and follow the instructions on the form to sent it in to Apache: <https://www.apache.org/licenses/icla.txt>

Check the code to ensure that it does not bring in any code or dependencies with licenses more restrictive than the Apache Software License (ASLv2). For example, we cannot bring in any code or dependencies that are under GPL or LGPL license.

### Step #2: Configure your Git client to map GitHub PRs to ref

Add this to your Git config for the Roller project. If you already have a remote for GitHub then add the two lines that mention "refs" to it.

```
[remote "github"]
url = https://github.com/apache/roller.git
fetch = +refs/heads/*:refs/remotes/github/*
fetch = +refs/pull/*/head:refs/remotes/github/pr/*
```

**NOTE:** For the rest of this guide we will assume that Apache Git is the remote named "origin" and GitHub is the remote named "github".

### STEP #3: Fetch the latest PR refs from GitHub

Use git's fetch command to pull in the latest PR refs from GitHub.

```
git fetch github
```

### STEP #4: Checkout the PR code

Now you can fetch the code for the Pull Request like so:

```
git checkout pr/<pull request number>
```

### STEP #5: Merge the PR into the desired branch

First checkout the desired branch and make sure it is up to date, for example:

```
git checkout master
git pull origin
```

Next, use the merge command to merge the code into the target branch. And make sure to include a "This closes #" message so that Apache's GitHub integration feature will close the PR. For example:

```
git merge -m "This closes <pull request number>" pr/<pull request number>
```

### STEP #5: Push the code

Push the code to Apache Git.

```
git push origin
```

Thank the contributor for their code.