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Section A

Writing Assignment 3 Instructions

April 1, 2015

1 Overview

1.1

This tutorial is for GitHub users who know how to create and use repositories, but are unfamiliar with GitHub's issue tracking features.

Step 1: Open your repository's Issues page

In this step, you will access the Issues page for your repository.

1. Open your GitHub repository in your web browser.

2. Click "Issues" (Fig 1)

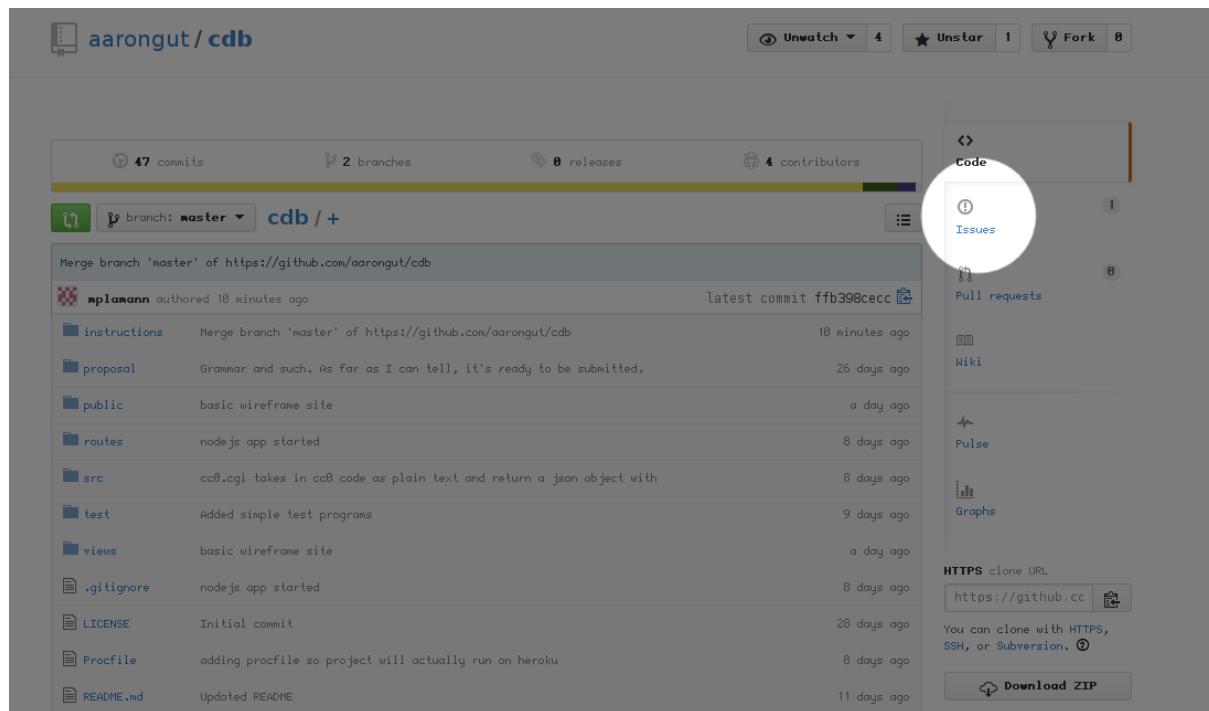3. You should now see the "Issues" page, which you will use in Step 2.

Figure 1: Opening the Issues page

Step 2: Create an issue

In this step, you will create a new issue associated with your repository and fill in necessary information

1. Click the "New Issue" button (Fig 2)

2. Enter in a title for the issue (1, Fig 3)

3. Enter in a description for the issue (2, Fig 3)

4. Click "Submit new issue" (3, Fig 3)

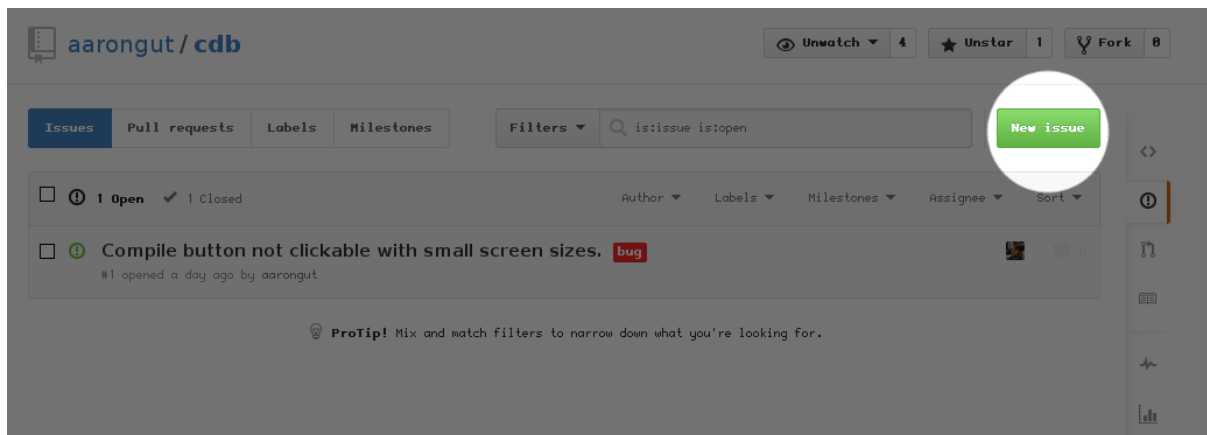5. Step 3 will go over how to add a label to your newly-created issue.
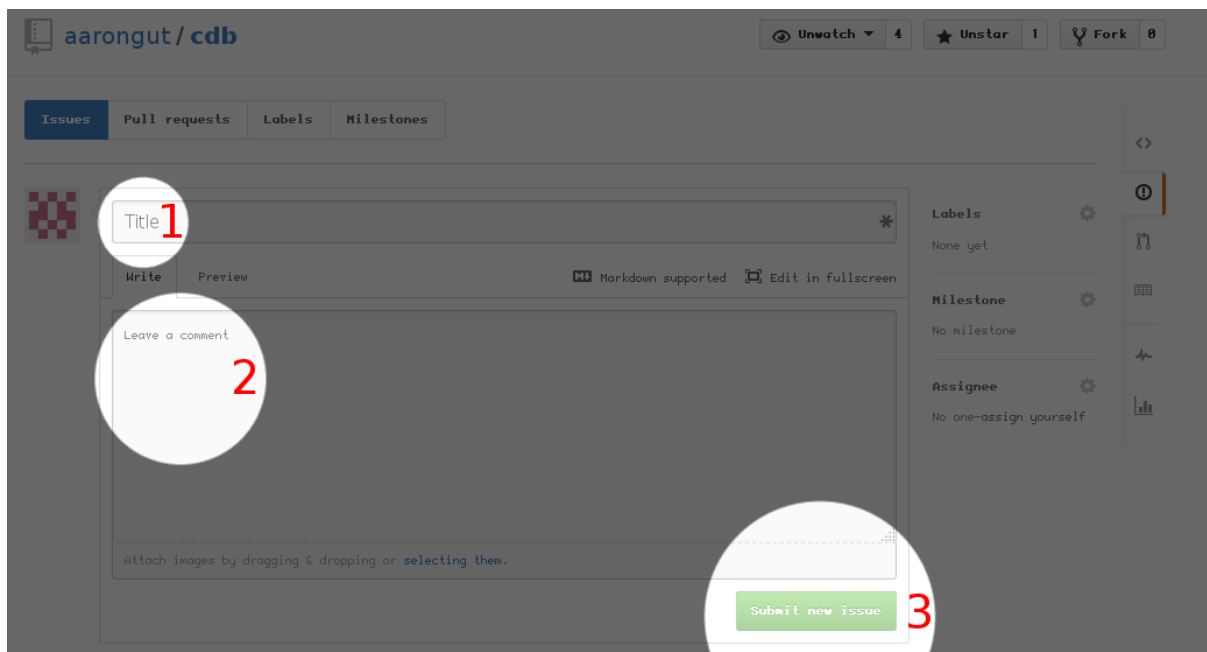
Figure 2: Creating a new issue

Figure 3: Entering issue information

Step 3: Assign labels to an issue

In this step, you will label your issue, indicating what type of issue it is.

1. Click the "Labels" button (1, Fig 4)

2. Click each label that applies to your issue (2, Fig 4)

3. Click the X button (3, Fig 4)

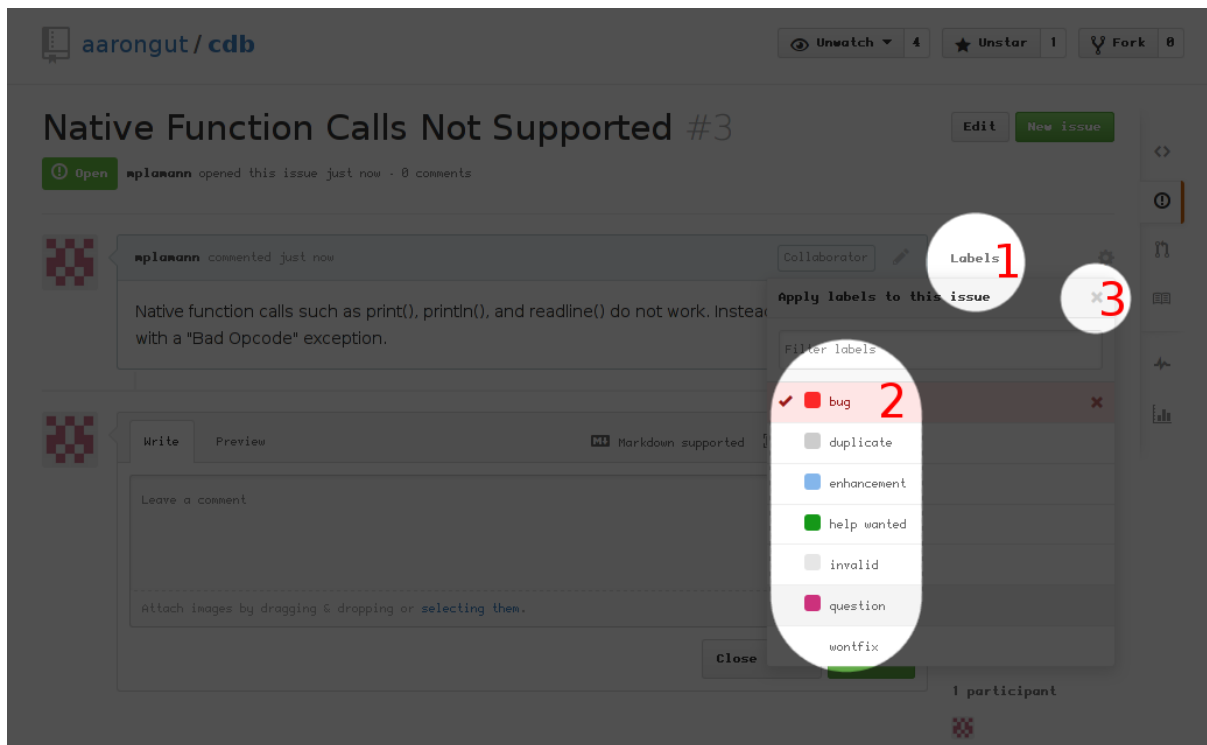4. In step 4, you will assign this issue to a developer.

Figure 4: Adding labels to an issue

Step 4: Assign an issue to a developer

In this step, you will assign this issue to a developer who will fix the issue.

1. Click the "Assignee" button (1, Fig 5)

2. Click the name of the developer who will fix the issue (2, Fig 5)

3. At this point, the issue has been assigned to the deveoper. Once the developer has fixed the issue, proceed to step 5 to mark the issue as resolved.
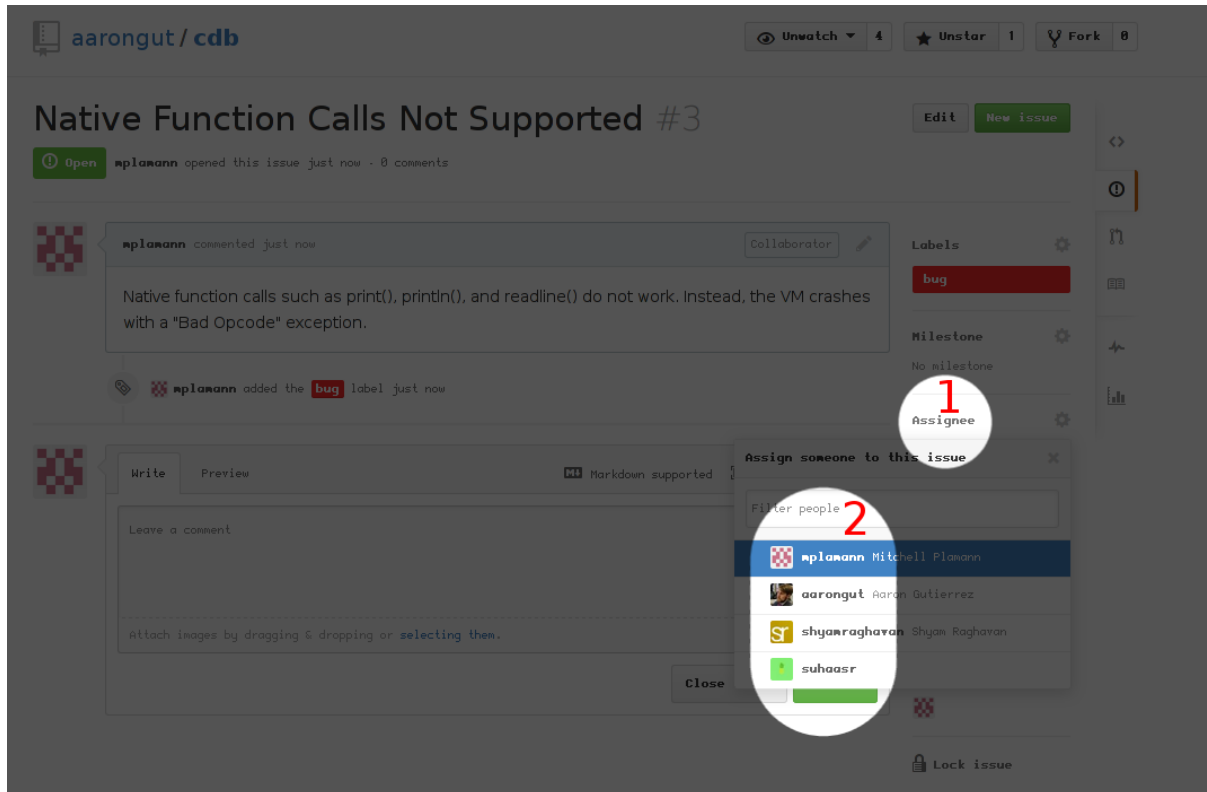

Figure 5: Assigning an issue to a developer

Step 5: Marking an issue as resolved

In this step, you will mark the issue as resolved, indicating that the developer assigned to the issue has fixed it.

1. On the issue web page, you can see the issue number. In our example, our issue is #3 (Fig 6).

2. Make a commit including the changes that fix the issue. In the commit message, include the text "Resolves #N", replacing "N" with your issue number. In the example issue, the commit message would be "Resolves #3".

3. GitHub detects this commit and marks the issue as closed (Fig 7). At this point, you have successfully created a GitHub issue, fixed the problem in the repository, and marked the issue as resolved.
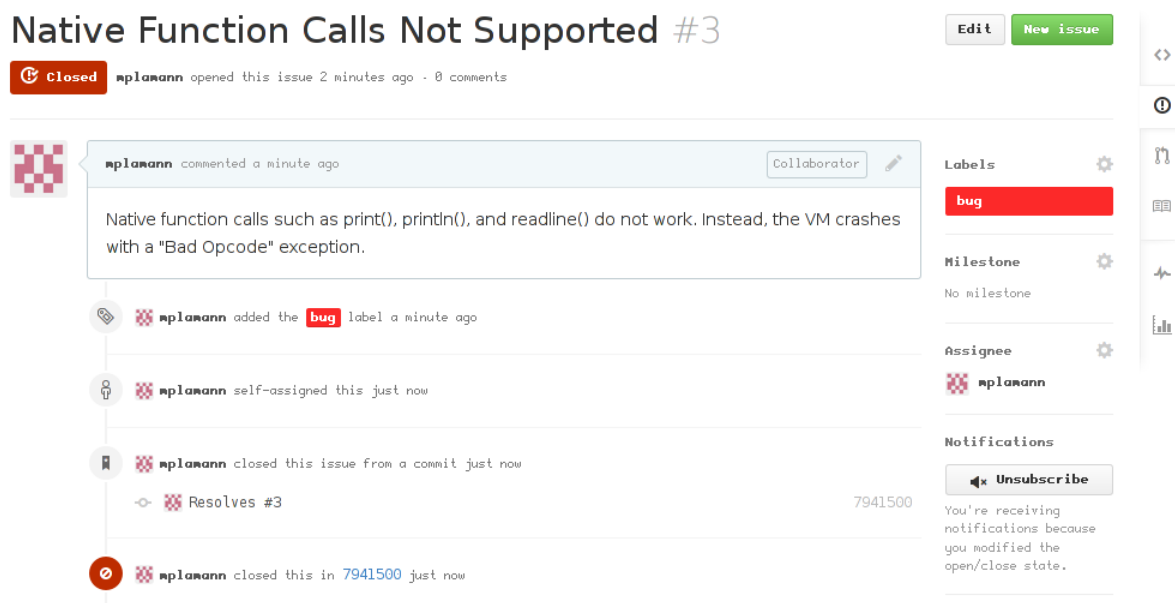

Figure 6: Finding the issue number

Figure 7: The issue has been resolved