

D³b

Center for Data-Driven
Discovery in Biomedicine



Developer Handbook

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1 Welcome

2 Creating Issues

Issues should be created If a repository has an *Issue Template*, make sure to follow it!

3 Finding Issues

3.1 Labels

Repositories across the D3b Github organization that have frequent user feedback and bug reports should use our standard set of labels to tag issues shown in Figure 3.1. Labels act as a means of filtering categories of issues and providing summaries of effort completed in release notes. Users that are not part of the organization may not add labels themselves, so please add labels as you see necessary to new issues. The *help* wanted label is a special label that is displayed in repository summaries on Github (See the *11 Issues need help* in Figure 7). Use it to mark issues that are self-contained and do not require in-depth knowledge of how the code base works. This tag is useful for guiding new members or external contributors looking to get involved to issues that will be easy for them to accomplish.

bug	Something isn't working
data-import	
data model	Changes to the underlying data representation
devops	Involves features of the deployment
documentation	Regarding developer or user documentation
duplicate	This issue or pull request already exists
Epic	
feature	New functionality for the dataservice
help wanted	Waiting for an owner
question	Further information is requested
Ready for review	This PR needs a review
refactor	Something needs to be done better
wontfix	This will not be worked on

Figure 1: Standard Repository labels with descriptions and colors

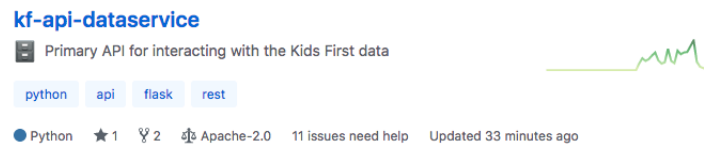


Figure 2: An exemplary repository summary including: proper naming scheme, emoji followed by short description, labels, the *Apache 2.0* license, and issues tagged with *help wanted*

4 Creating a Pull Request

4.1 Commit Messages

4.2 Pull Request Titles

4.3 Keeping the Commit Log Tidy

4.4 Labeling Pull Requests

4.5 Requesting Reviews

5 Review Process

5.1 Code Review

5.2 Testing

5.3 Status Checks

6 Software Release

7 New Repositories