

NOAA FISHERIES



SS3 GitHub Workshop

Tuesday, November 19, 2024 https://meet.google.com/oij-dcic-qif 12 pm PT / 3 pm ET

Meeting notes

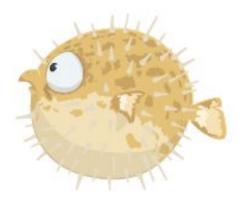
What we'll cover:

- SS3 repositories (under <u>nmfs-ost organization</u>)
 - ss3-source-code
 - o ss3-doc
 - o <u>ss3-website</u>
- Issues
 - What are issues?
 - Elements of an issue
 - Creating issues in ss3 repos
- Forks
 - What are forks?
 - Creating a fork of ss3 repos
 - Syncing forks to the upstream repo
 - Submitting a pull request from a fork

ss3-test-models

ss3-user-examples

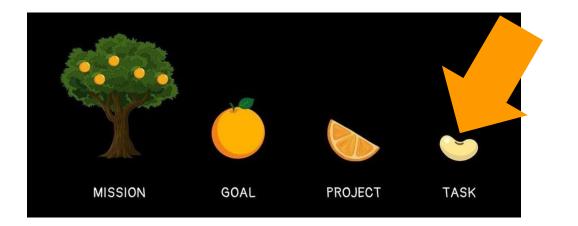
You can also get to these repos from the ss3 website



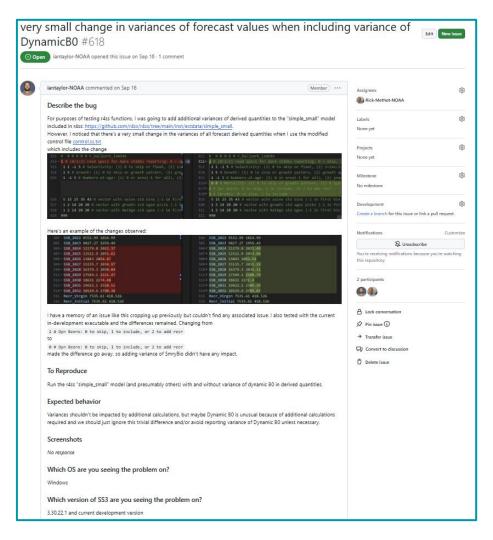
What are Issues?

GitHub Issues are a tool that allows users to create, discuss, and track work in a repository:

- Tracking: Use issues to track tasks, bugs, ideas, and feedback
- Collaboration: Use issues to collaborate on ideas and tasks
- Communication: Use issues to communicate with others
- Planning: Use issues to plan and track work



Elements of issues



Title: Simple but descriptive

Description: Issue context

Markdown formatting: helps the writer and reader organize ideas (<u>learn more</u>)

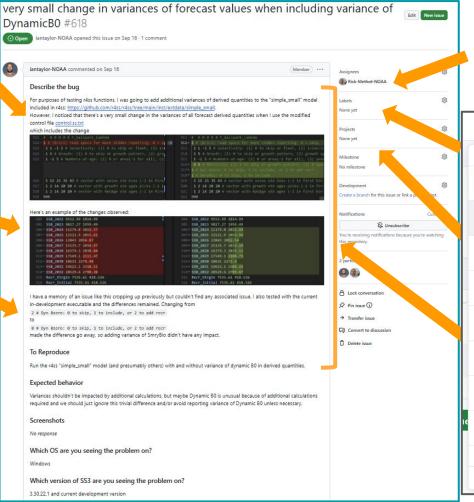
Screenshots: help the assignee understand what you experienced

Code snippet: A snippet of code from the line or range of code that the issue is about

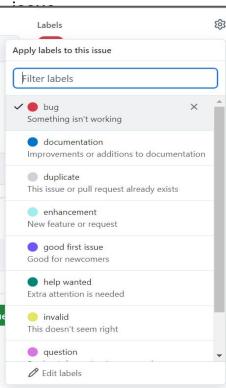
Can also include:

Task lists: A way to break work into smaller tasks and track progress

Permalinks: specific line of code from a specific commit/version of the script (<u>learn more</u>)



Assignees: A member of the organization who is responsible for the



Title: Simple but descriptive

Description: Issue context

Markdown formatting: helps the writer and reader organize ideas (<u>learn more</u>)

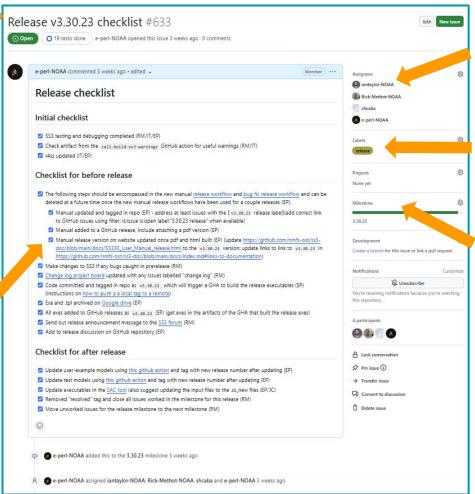
Screenshots: help the assignee understand what you experienced

Code snippet: A snippet of code from the line or range of code that the issue is about

Can also include:

Task lists: A way to break work into smaller tasks and track progress

Permalinks: specific line of code from a specific commit/version of the script (<u>learn more</u>)



Assignees: A member of the organization who is responsible for the issue

Labels:

A label to indicate the nature of issue

Projects & milestones:

acod first large

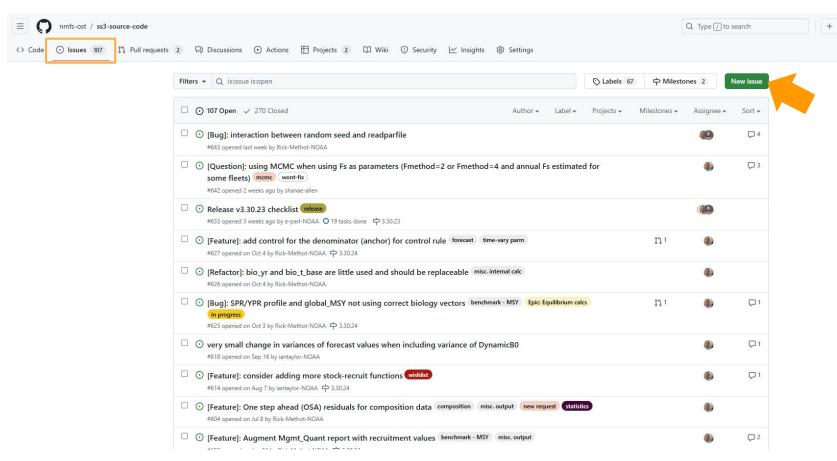
help wanted

A date-based target to track the issue's progress

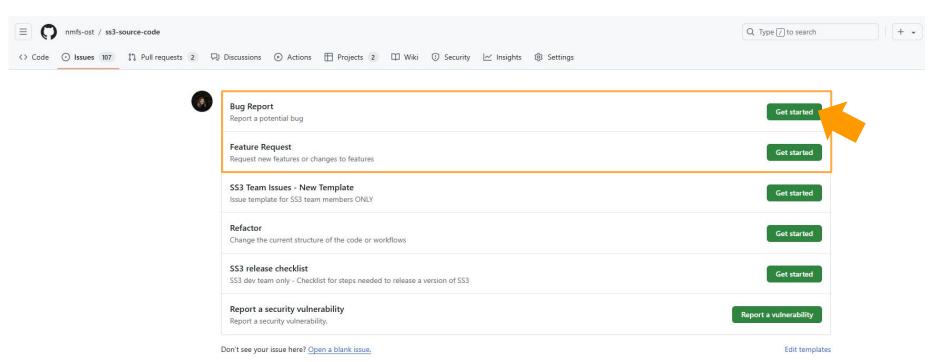
Minimum viable product or example (MVP): A bare-minimum example of the problem and how to reproduce the problem

Quick links to open an issue in each repo

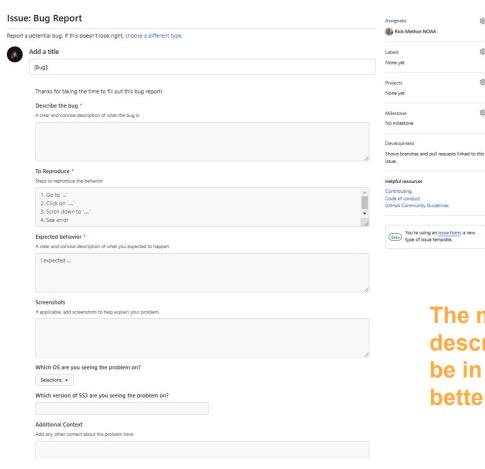
- <u>ss3-source-code</u>
- ss3-doc
- ss3-website
- ss3-test-models
- <u>ss3-user-examples</u>



Issue templates



Issue templates



The more descriptive you can be in your issue, the better!

63

63

63

You're using an issue form, a new

What is a Fork?

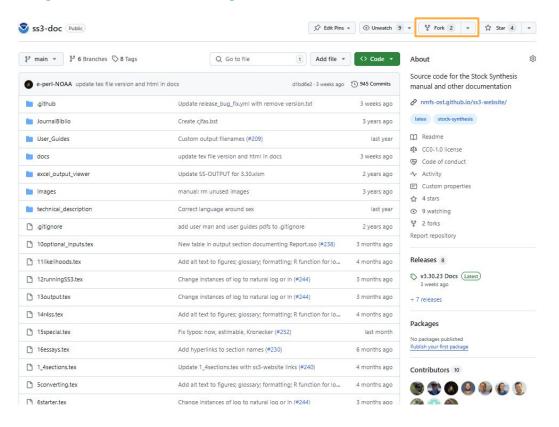
A fork is a new repository that shares code with the original "upstream" repository.

You can use forks to propose changes related to fixing a bug. Rather than logging an issue for a bug you have found, you can:

- Fork the repository.
- Make the fix.
- Submit a pull request to the project owner.

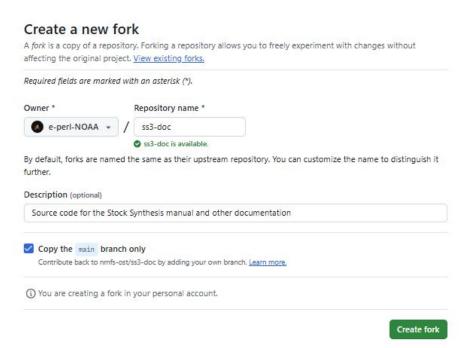
Creating a Fork?

Using ss3-doc repo as an example



Creating a Fork?

Using ss3-doc repo as an example

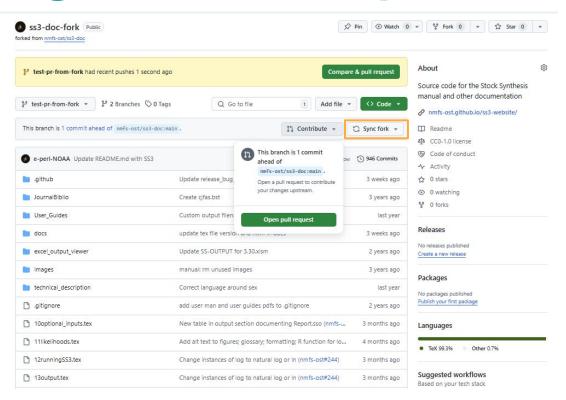


Creating a Fork?

Using ss3-doc repo as an example

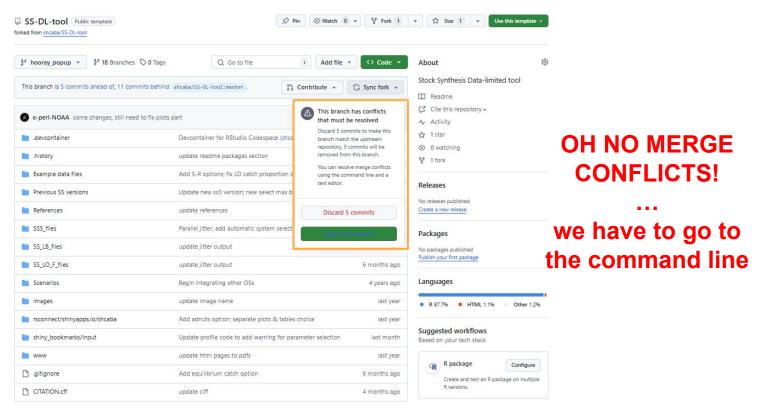
Creating a Fork Demo

Updating a Fork - Simple



More info on syncing a fork

Updating a Fork



More info on syncing a fork

Updating a Fork - Complex

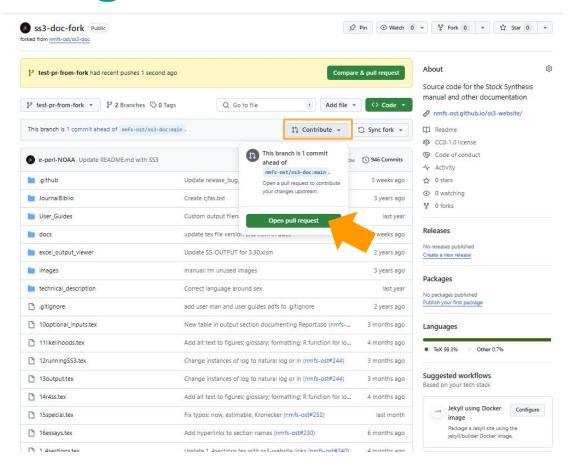
DON'T FREAK OUT!

Updating a Fork Demo

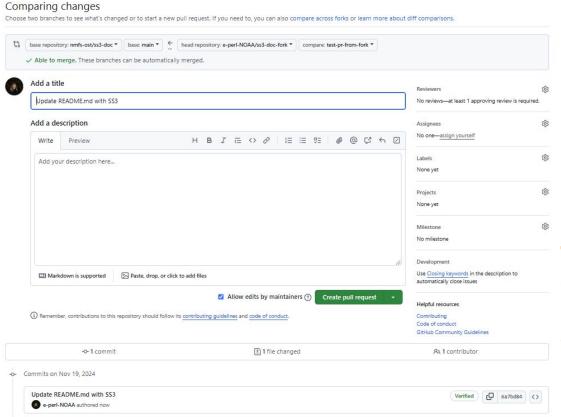
This will be done using the git command line.

Most of you won't need to do this.

Submitting a PR from a Fork



Submitting a PR from a Fork



The more descriptive you can be, the easier it is to assess the PR

QUESTIONS??