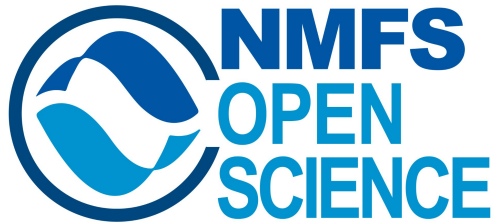
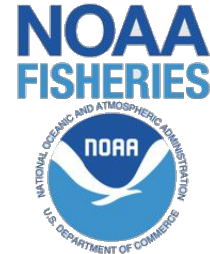


# Quarto Reports

with Quarto, Git and GitHub



<https://nmfs-opensci.github.io/>



<https://nmfs-openscapes.github.io/>

# What is Quarto?

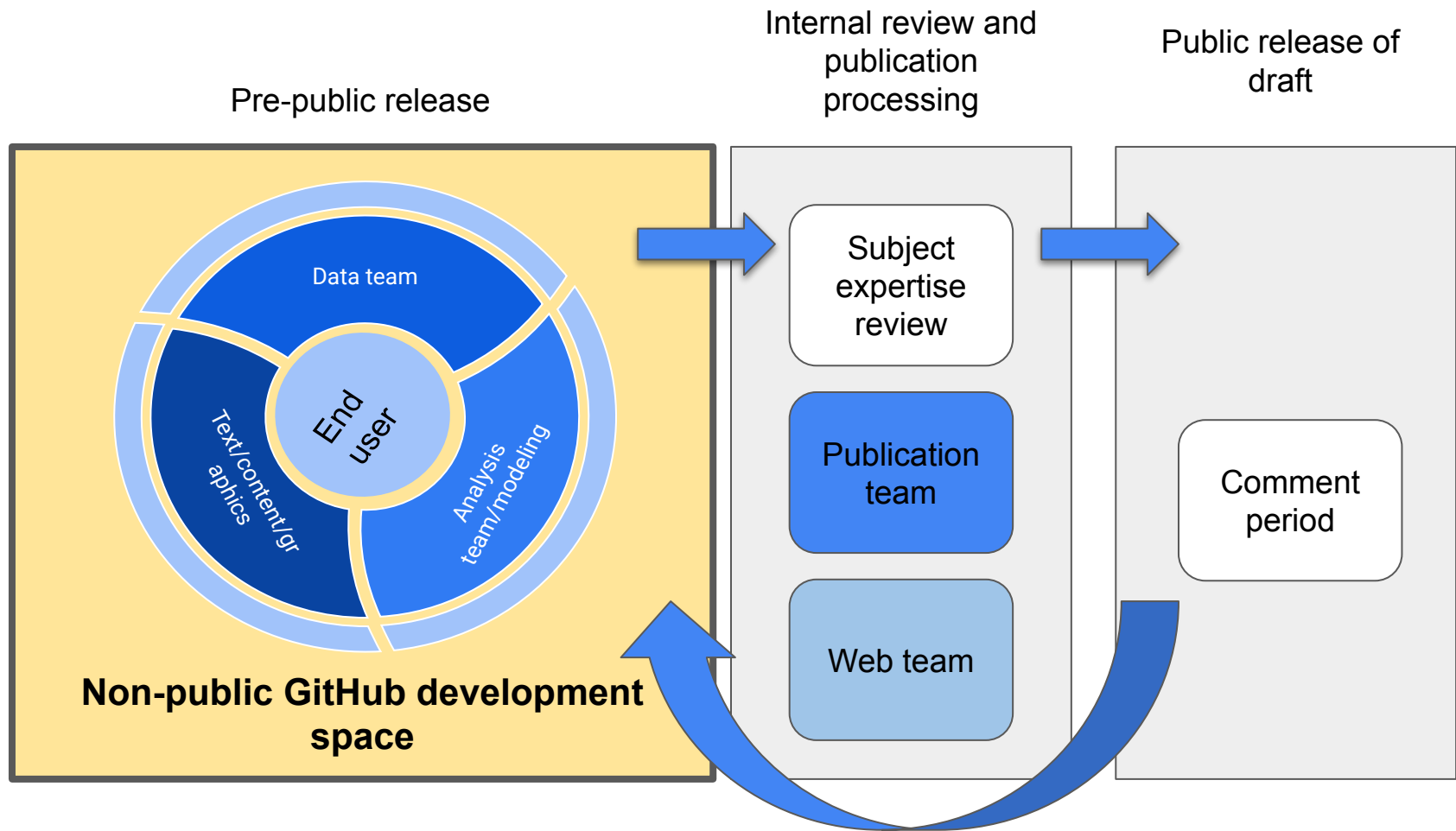
Think of it like  
next-generation R  
Markdown

# Why switch to Quarto?

1. Fixes a lot of hacks we had to use for cross-formats
2. Fixes the hacks for cross-references
3. Lots of new features and very active development
4. Cross-language support (Python, R, Julia)
5. Attention to accessibility out of the box
6. Much easier to extend and develop

# Today's talk

1. A demo of a Quarto + GitHub workflow for collaboration on a report
2. A walkthrough of creating a semi-realistic report with Quarto
  - a. Tables and figures in a for loop
  - b. Dynamic table of contents with links
  - c. Title pages, copyright, etc.
  - d. Citation support
3. Links to further information



<https://nmfs-opensci.github.io/QuartoReport>

# Quarto book

<https://nmfs-opensci.github.io/NOAA-quarto-book/>

- Structure
- Customizing and branding

## Resources

- [https://nmfs-opensci.github.io/quarto\\_titlepages/](https://nmfs-opensci.github.io/quarto_titlepages/)
- [https://nmfs-opensci.github.io/quarto\\_titlepages\\_v1/](https://nmfs-opensci.github.io/quarto_titlepages_v1/)
- Tables and Figures in for loops: <https://rverse-tutorials.github.io/QmdReport/>

# Citation support

- Quarto w visual editor will dynamically like to .bib files or Zotero libraries
- Type @ and then start typing words to search. It does a fuzzy search of your libraries and make suggestions

