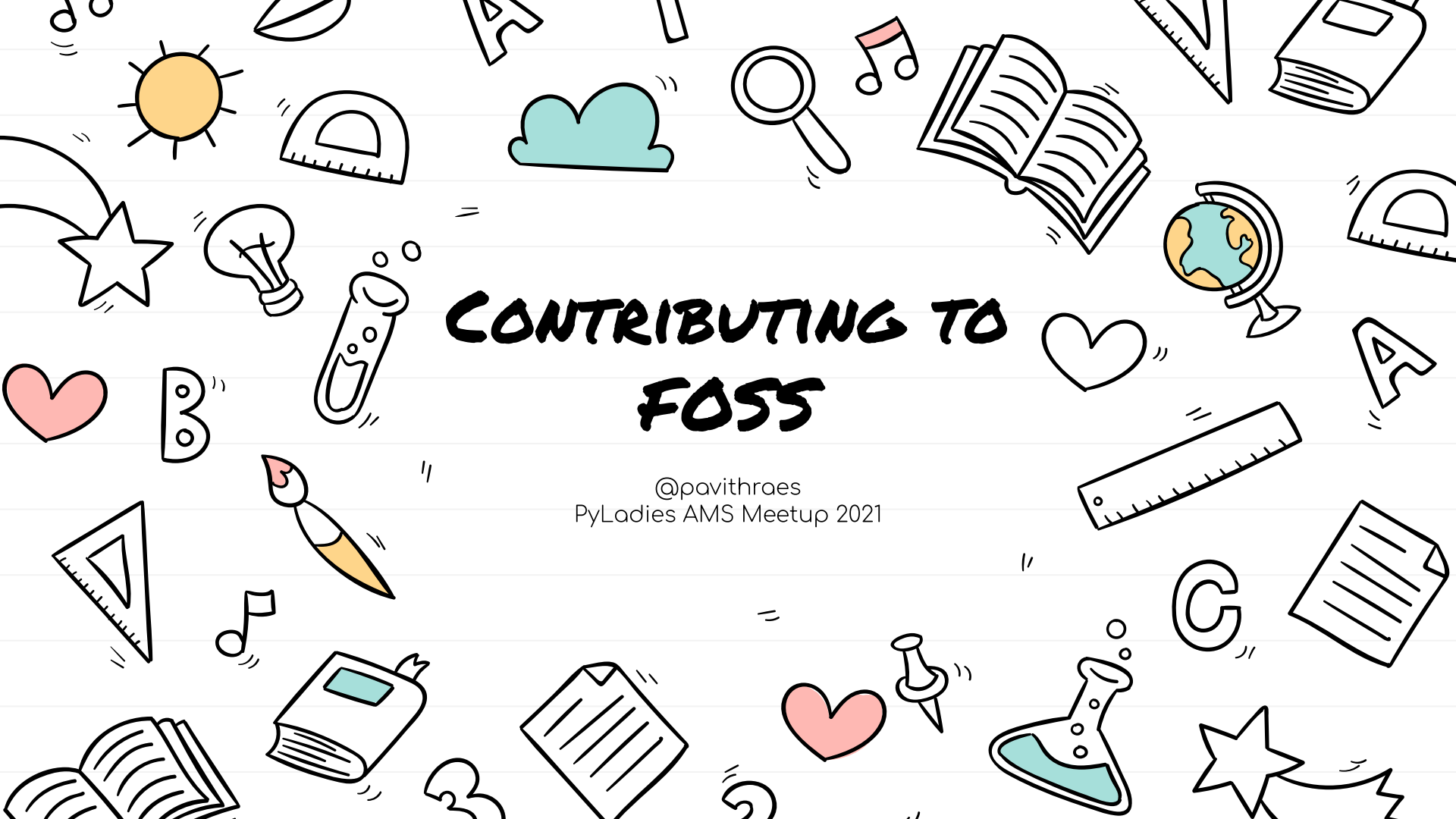
Contributing to FOSS
@pavithraes
PyLadies AMS Meetup 2021

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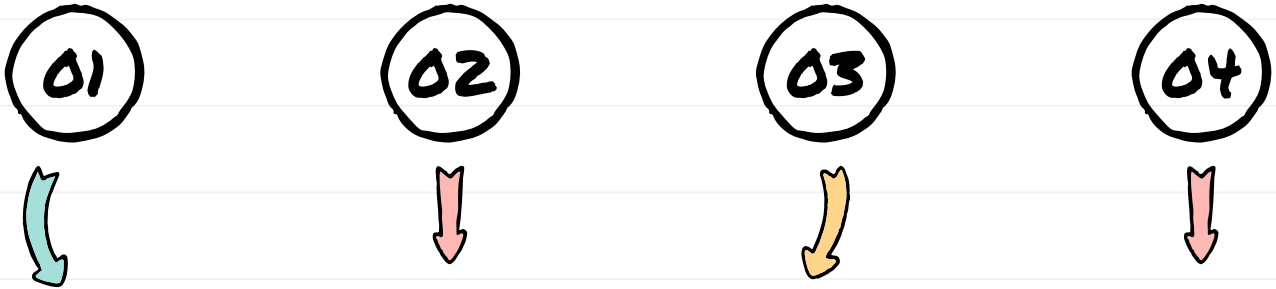
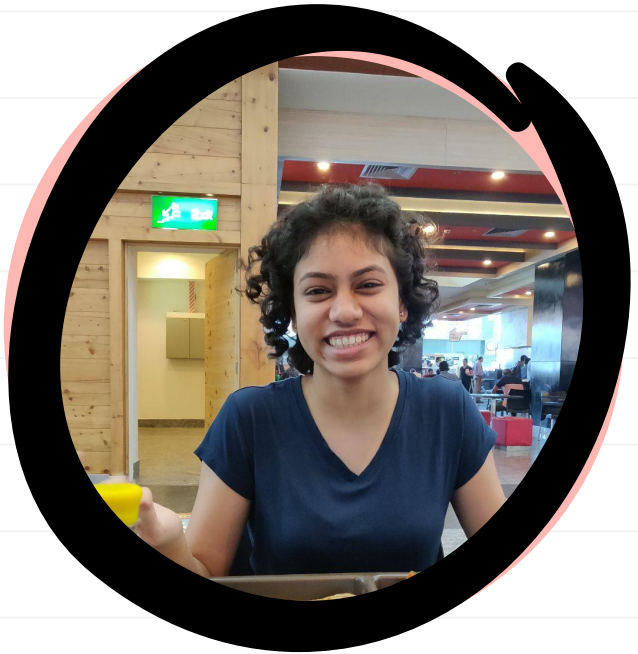


Hi! I'm Pavitra :)

- Evangelism Intern at Coiled
- Core Team at Bokeh
- GSoC+Outreachy Admin at Wikimedia
- Ex-GSoD writer
- Student



@pavithraes

WHAT IS
FREE AND OPEN SOURCE SOFTWARE?

FREE or “LIBRE“

software license
study, share, and modify

OPEN SOURCE

source code is public

Is it important?

Why?

WHAT IS FREE AND OPEN SOURCE SOFTWARE?

- Helped aid the technology revolution
- Backbone of digital infrastructure
- Linux, Mozilla, Wikipedia, C, Python, and more!

Why contribute to free and open source software?

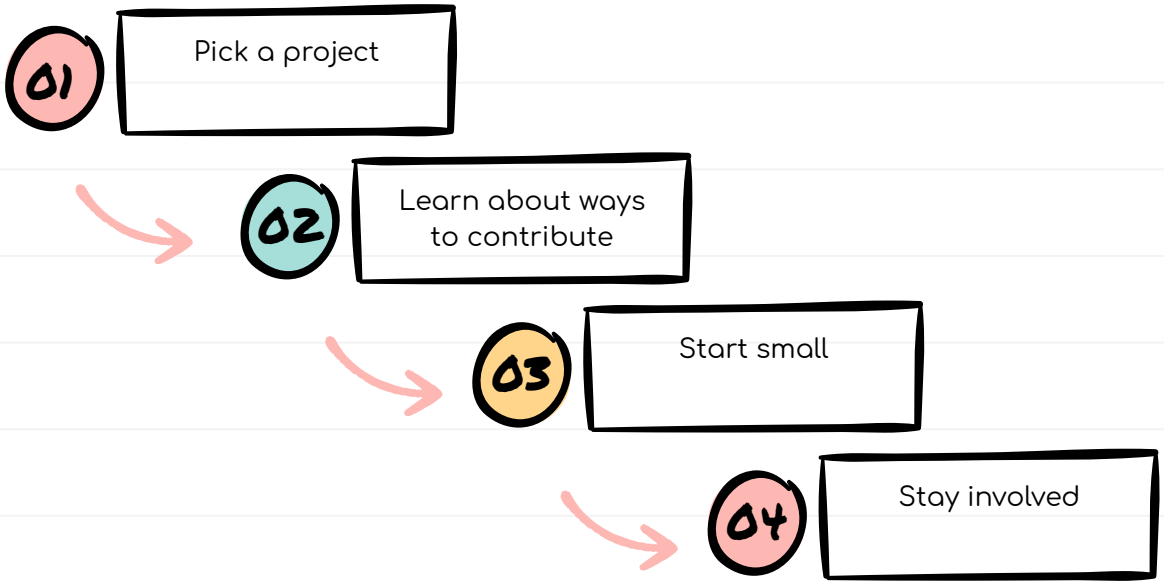
Build your skills

Be part of a community

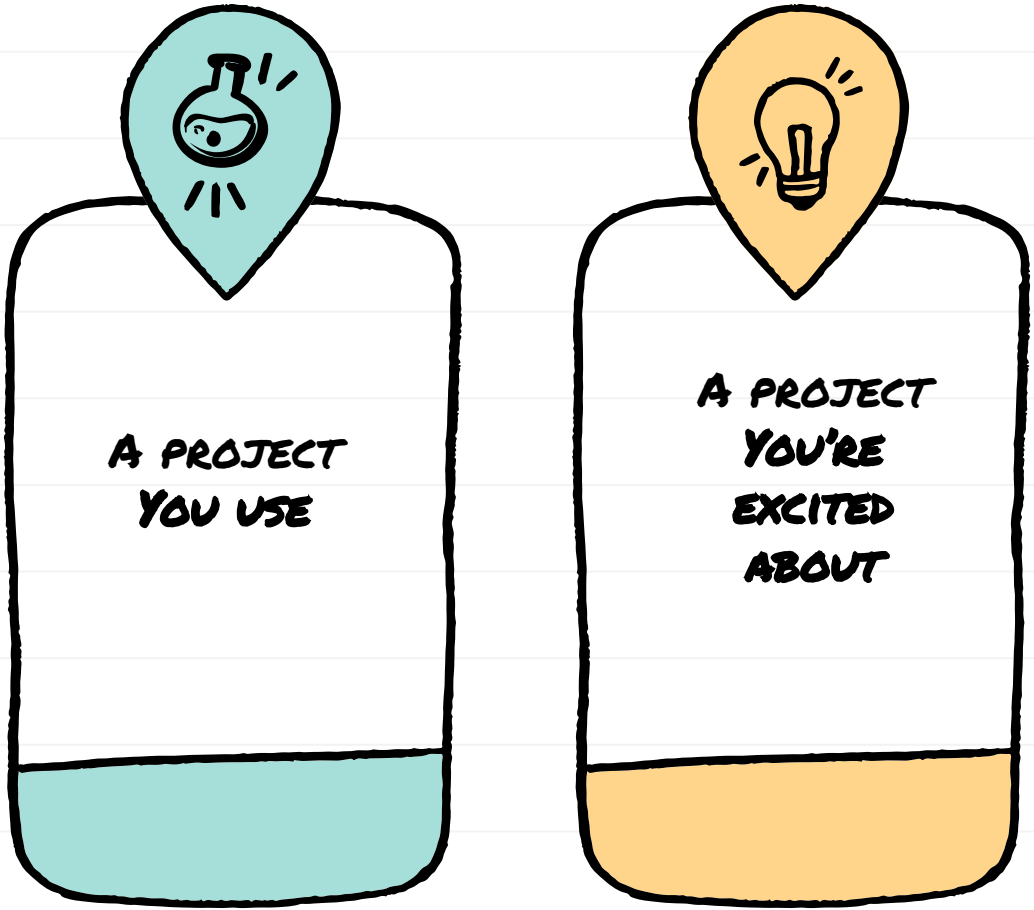
Foss needs you

Roads
and Bridges:
The Unseen Labor Behind
Our Digital Infrastructure
WRITTEN BY
Nadia Eghbal
History
Challenges
Sustainability
And more

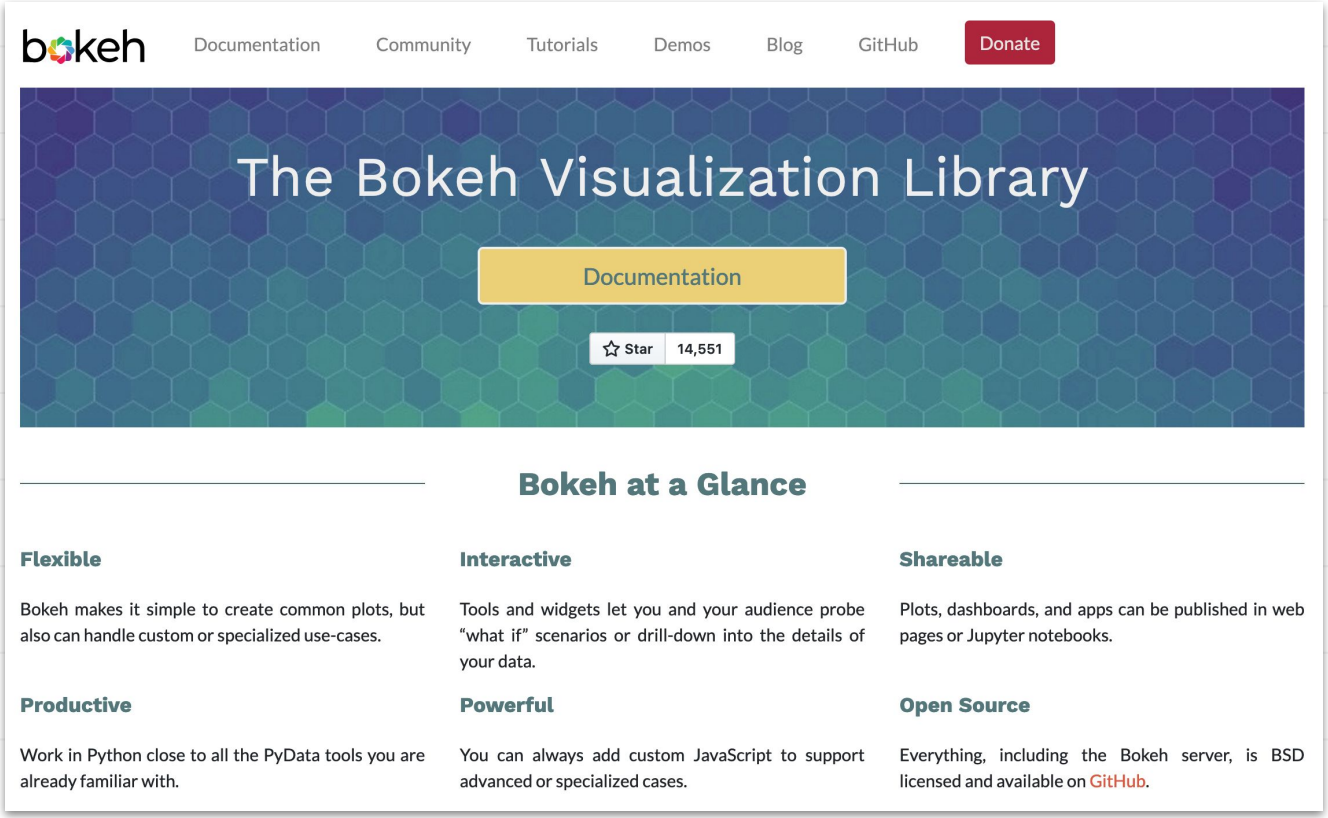
How to contribute to free and open source software?



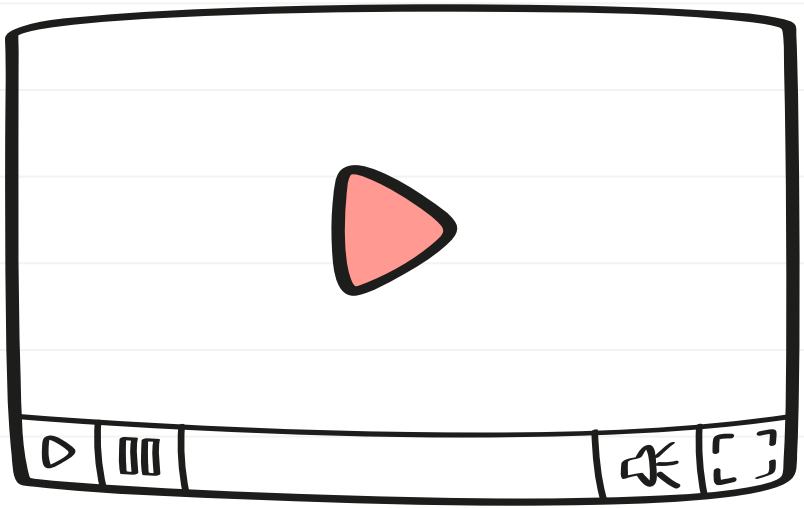
How to contribute to free and open source software?


A PROJECT
YOU USE
A PROJECT
YOU'RE
EXCITED
ABOUT

bokeh.org

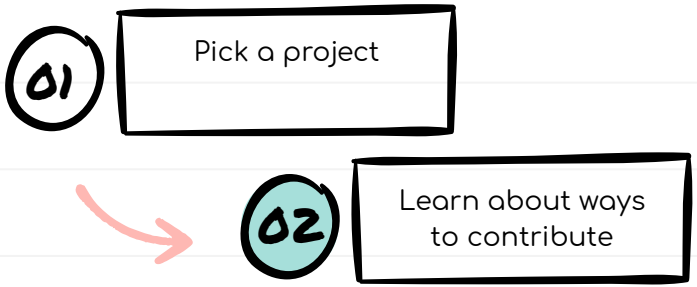

bokeh
Documentation
Community
Tutorials
Demos
Blog
GitHub
Donate
The Bokeh Visualization Library
Documentation
Star
14,551
Bokeh at a Glance
Flexible
Bokeh makes it simple to create common plots, but also can handle custom or specialized use-cases.
Interactive
Tools and widgets let you and your audience probe "what if" scenarios or drill-down into the details of your data.
Shareable
Plots, dashboards, and apps can be published in web pages or Jupyter notebooks.
Productive
Work in Python close to all the PyData tools you are already familiar with.
Powerful
You can always add custom JavaScript to support advanced or specialized cases.
Open Source
Everything, including the Bokeh server, is BSD licensed and available on GitHub.

Demo for Bokeh

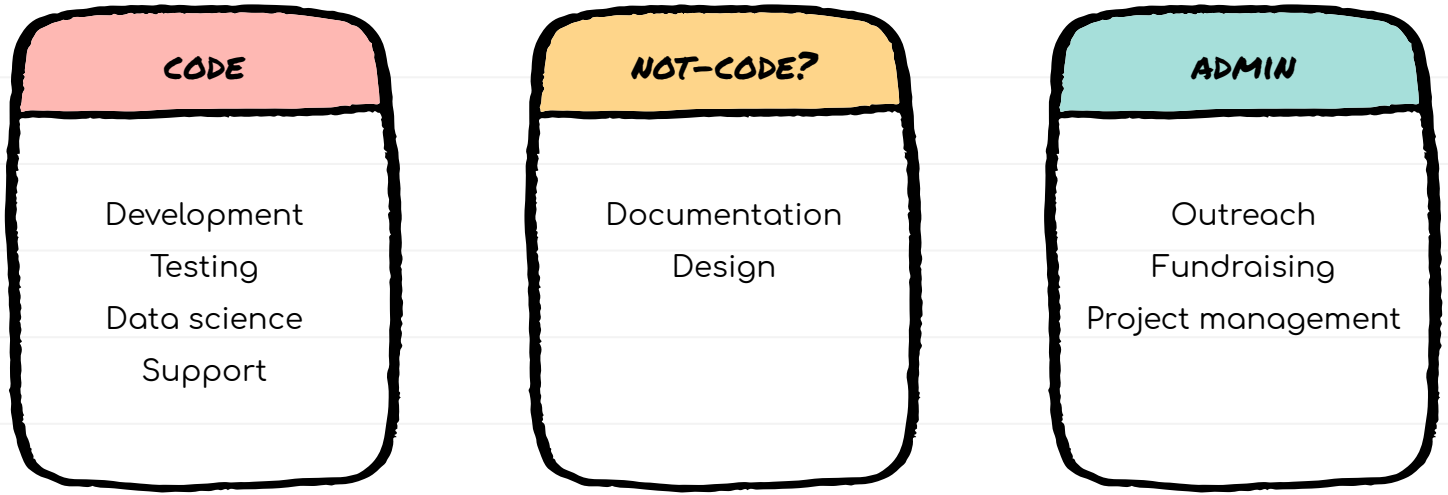


Pick a project!

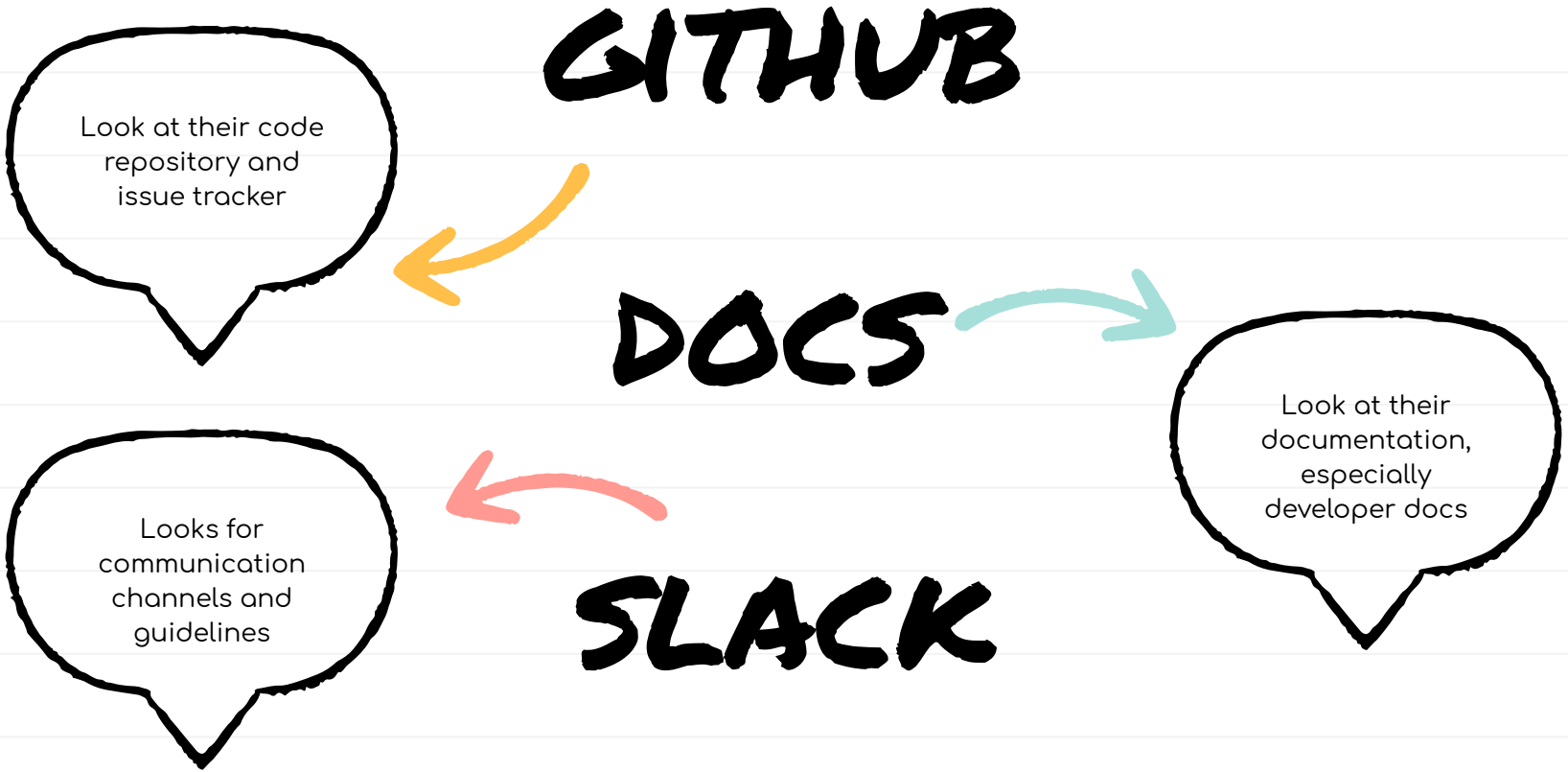
How to contribute to free and open source software?



Ways to contribute



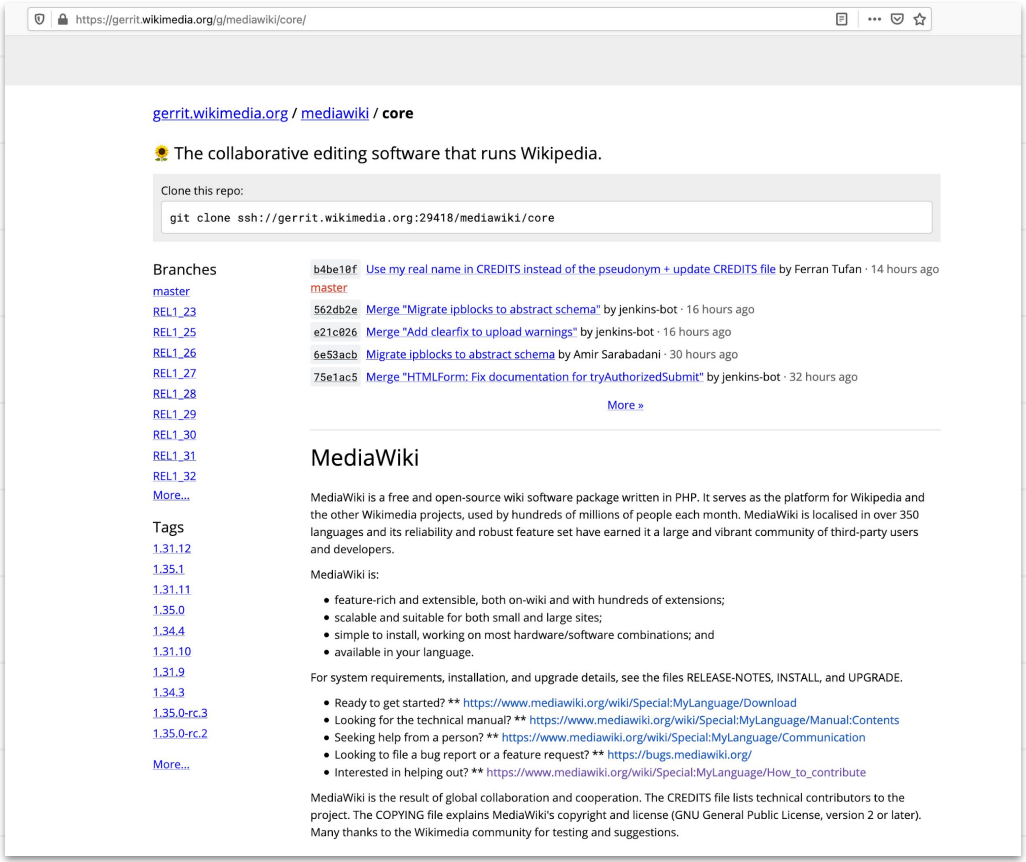
Explore!


GITHUB
Look at their code repository and issue tracker
DOCS
Look at their documentation, especially developer docs
SLACK
Looks for communication channels and guidelines

Code repository

- Most projects are hosted on GitHub
- Other code repositories include Gerrit, GitLab, Phabricator, etc.

gerrit.wikimedia.org/g/mediawiki/core/



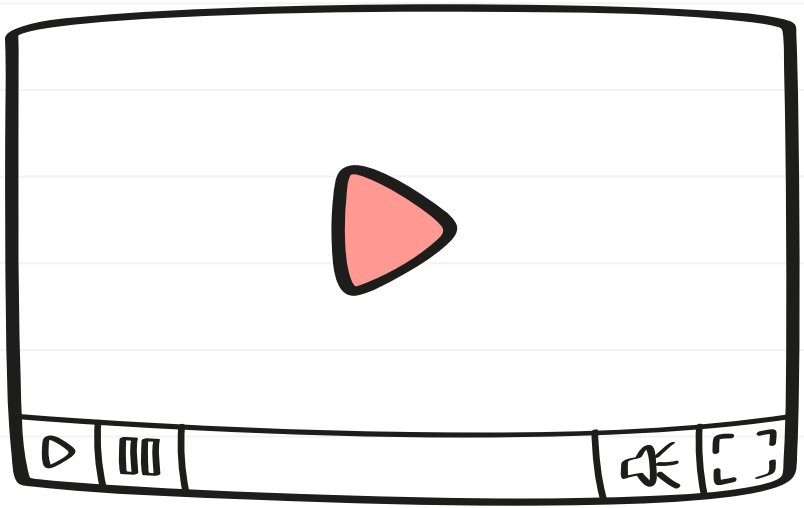
DOCUMENTATION

- Website, Project Wiki, etc.
- User guide, tutorials, developer documentation

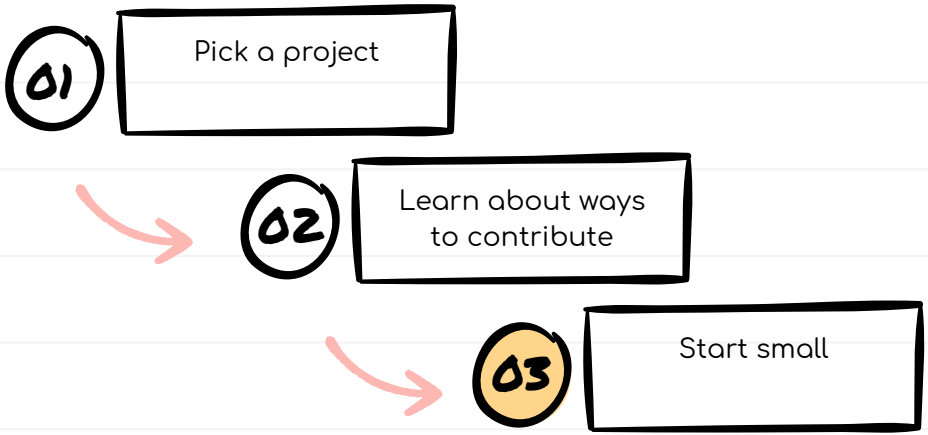
COMMUNICATION

- Slack, Discourse, Zulip, Gitter, etc.
- GitHub issue tracker

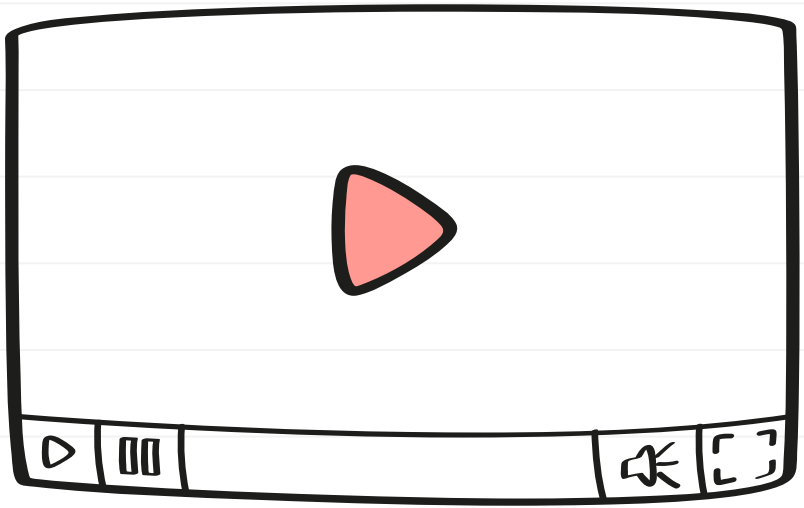
Demo for Bokeh



How to contribute to free and open source software?

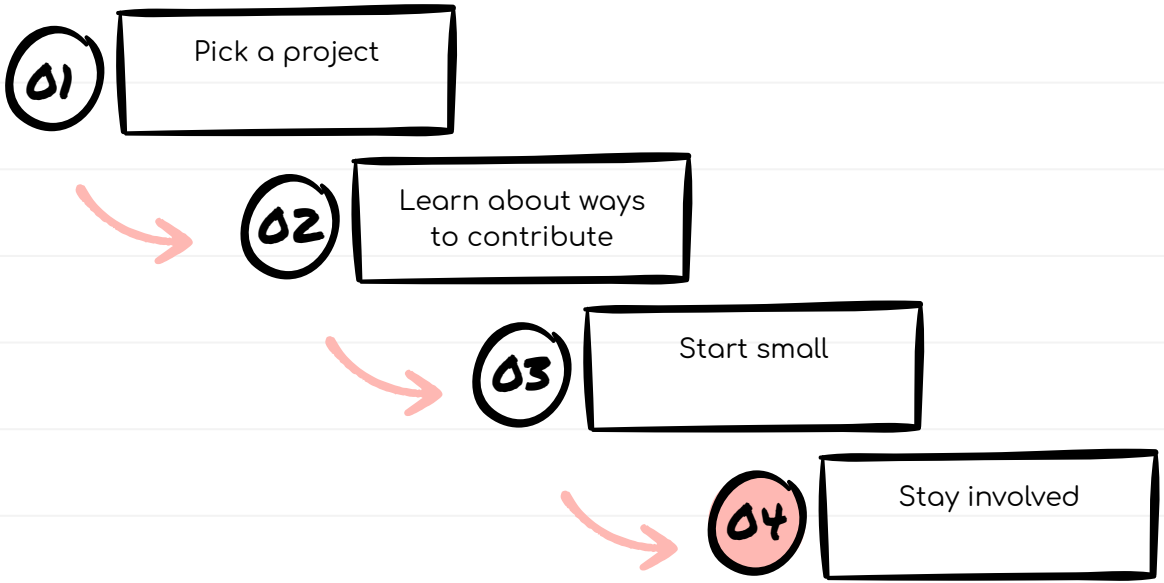


Demo for Bokeh



Pick an issue/task
to work on

How to contribute to free and open source software?



THANKS!

@pavithraes

hi@pavithraes.me

CREDITS: This presentation template was created by **Slidesgo**, including icons by **Flaticon**, and infographics & images by **Freepik**.