



# intro to accessibility and inclusive design

with Eric Bailey

Jupyter Accessibility Workshop 3

# reminders

- by attending this event, you are agreeing to follow the event Code of Conduct
- this event will be recorded and posted publicly

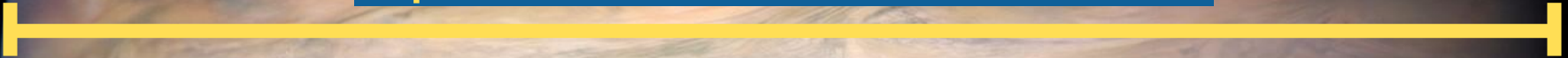
# welcome to Jupyter!



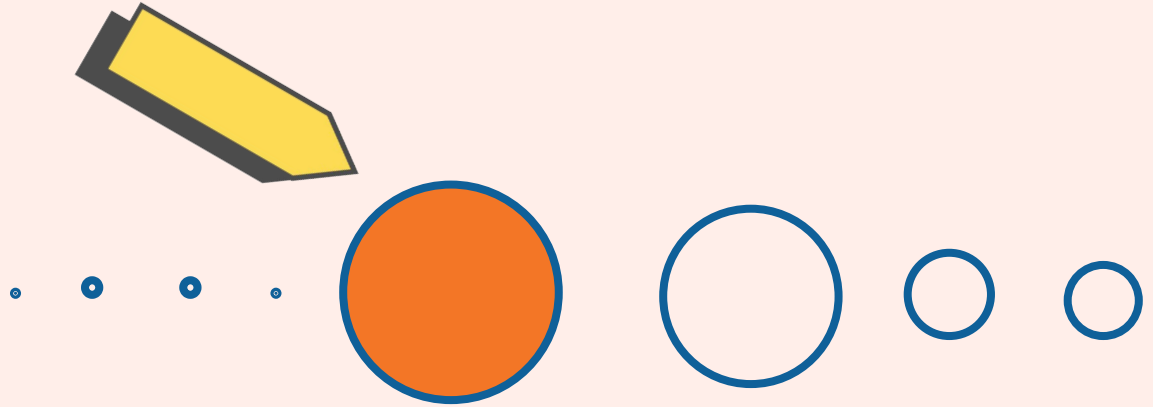
# why make Jupyter accessible?

# 1. Jupiter is big

equatorial radius of 71,492 km



# 1. Jupyter is big



# 1. Jupyter is

# >10 million public notebooks

# big.

Isabela Presedo-Floyd | Jupyter Accessibility Workshops | Source: [parente/nbestimate/estimate.ipynb](https://github.com/parente/nbestimate/estimate.ipynb)



Search or jump to...

parente / nbestimate

<> Code

Pull requests

master

1 branch

GitHub Actions Update for

.github/workflows

.gitignore

LICENSE

README.md

estimate.ipynb

estimate.src.ipynb

ipynb\_counts.csv

requirements.txt

update.py

README.md

**1. Jupyter is**

**1,000s of  
contributors**

**big.**



# 1. Jupyter is

# 100s GitHub repos

# big.

Isabela Presedo-Floyd | Jupyter Accessibility Workshops | 343 based on [Explore our Projects - jupyter.org](https://jupyter.org/projects)



**Project Jupyter**

Interactive Computing

The Future <https://jupyter.org>

Overview

Repositories 77



**IPython**

interactive computing

<https://ipython.org>

Overview

Repositories 24



**JupyterHub**

Official JupyterHub-related

Jupyter <https://jupyter.org>

Overview

Repositories 67



**JupyterLab**

JupyterLab: The Next

<https://jupyter.org>

Overview

Repositories 58



**Voilà Dashboards**

Dashboarding with Jupyter

The Future <https://voila-dashboards.org>

# 1. Jupyter is

**???** of

**users**

**big.**

# 1. Jupyter is

**???** of  
**excluded users**

**big.**

## 2. Jupyter is home to many



## 2. Jupyter is home to many

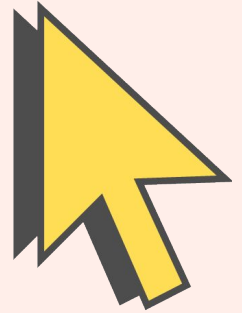
# programming languages

**2. Jupyter is home to many**

**humanities and  
sciences**

## 2. Jupyter is home to many students

# 3. Jupyter is built on open standards





# 3. Jupyter is built on open standards

but doesn't consider

- WCAG
- any accessibility-first standards

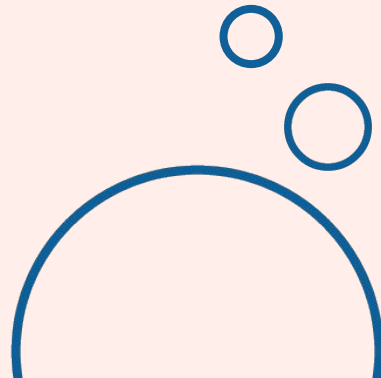
# so what are we doing?

# highlights + °

- accessibility meetings for a year!
- community growth
- WCAG-based audits of multiple projects (with issues and PRs)
- CZI Essential Open Source Software for Science grant

# future goals

- add automated tests
- ensure the notebook file format is as accessible as can be
- update and improve documentation



# future goals

- to get you involved!  
(more on that later)



get excited for our speaker

**Eric Bailey!**

we'll be right back

# say hello

we'll break up into rooms so  
you can meet some of your  
fellow attendees.



20 minutes | [notes document](#)

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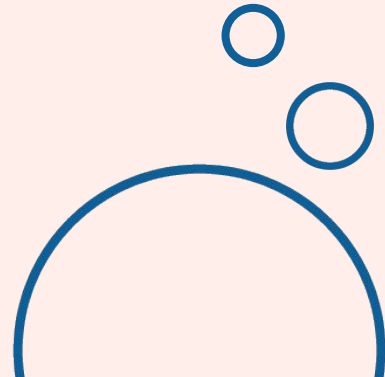
# prompts

1. how can you incorporate inclusive design choices now and in your future work?
2. what kinds of checks and feedback promote inclusive design?

we'll be right back

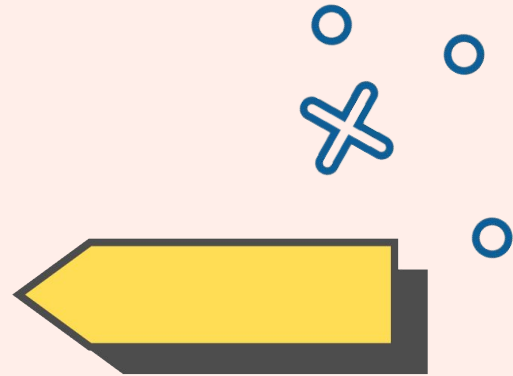
# welcome back

let's summarize your  
discussions.



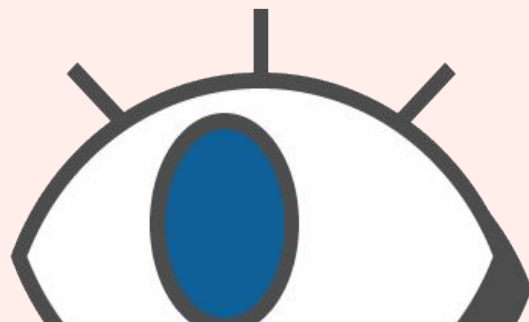
# what are your thoughts?

please let us know how we can plan better events by filling out the [feedback survey](#).



# upcoming events

- next week (March 19): auditing sprint
- March 29: monthly Jupyter community call



# get involved with Jupyter

- for all projects: join a monthly community call!
- for accessibility:
  - [Jupyter Discourse](#) and [jupyter/accessibility](#)
  - join a JupyterLab accessibility meeting

# thank you!

- to Eric for speaking!
- to the event team, especially Tony and Tania
- to the Jupyter Community Building Committee
- to the Jupyter Community Workshop sponsors
- to NumFocus for their support
- to the team that wrote the event proposal