

# JupyterLab: Group 4

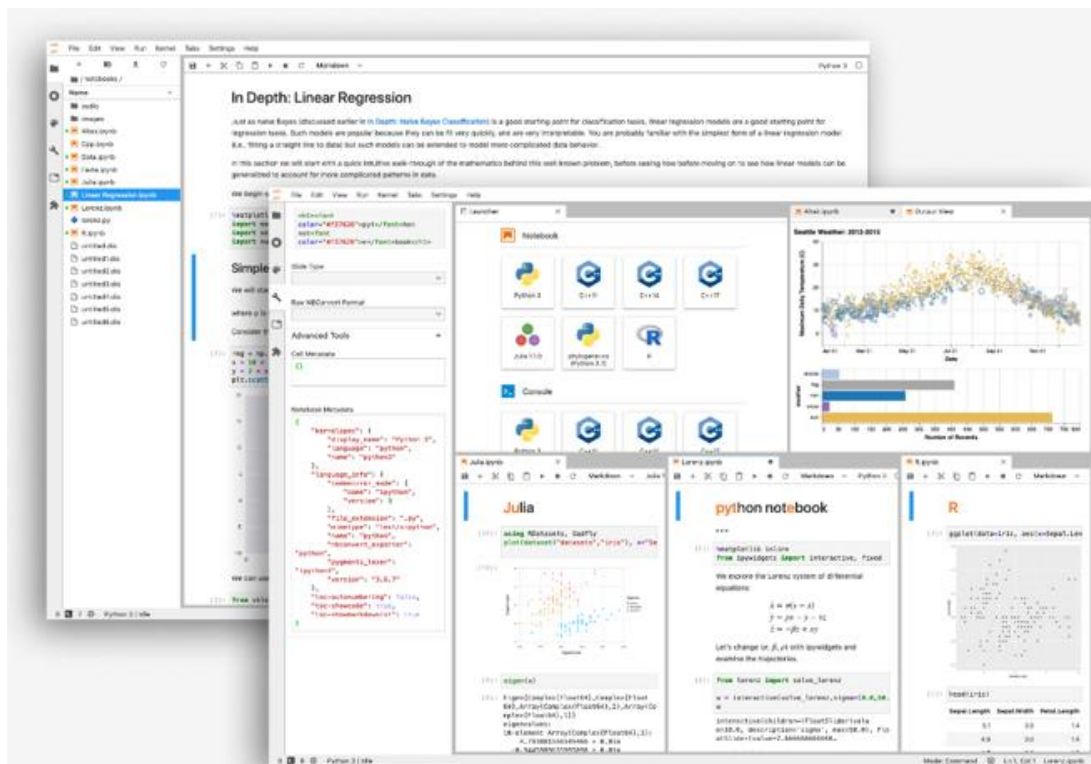
Amad, Barkin, Fenglei, Quang

# Introduction to JupyterLab

A web-based interactive development environment

# JupyterLab

The next generation UI for  
Project Jupyter



# Project Jupyter

The next generation for Project Jupyter



# Ju-Pyt-(e)-R

Julia



Python



python™

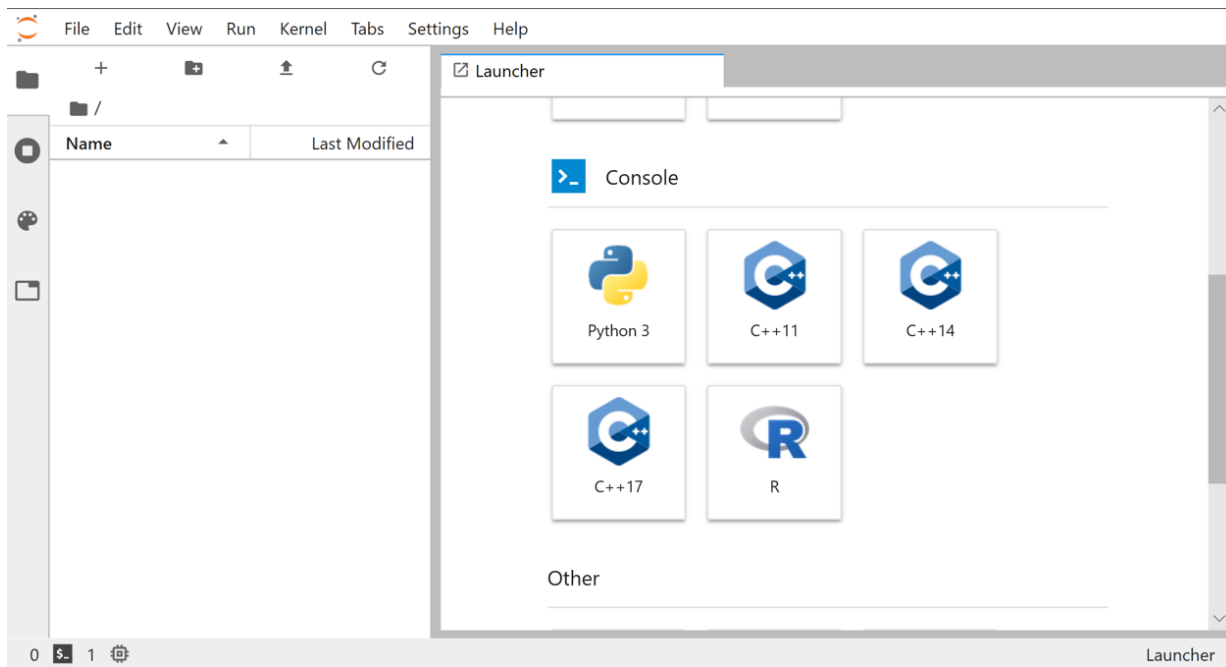
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# JupyterLab: A Jupyter Subproject



# JupyterLab: Future of Jupyter



# Why JupyterLab

Increasing popularity





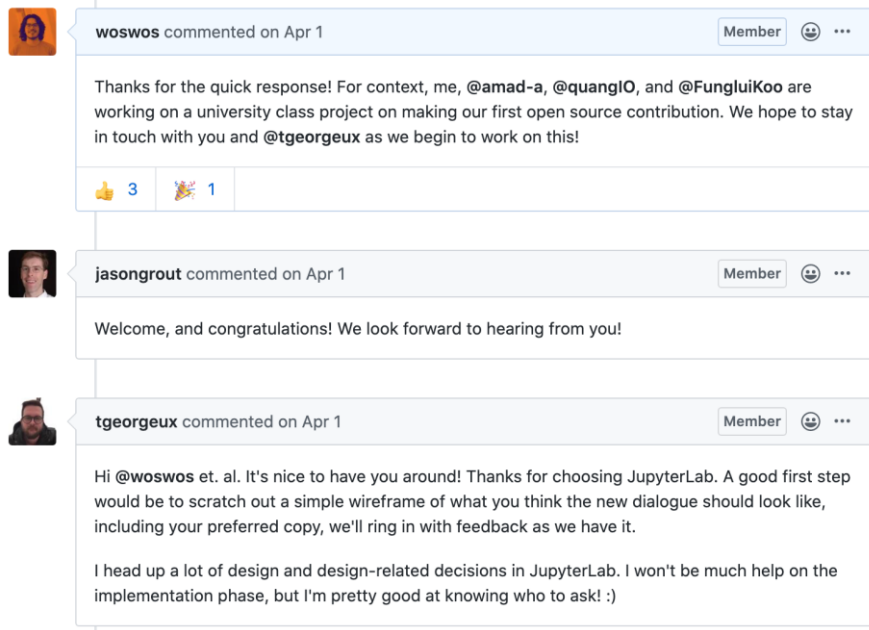
# Why JupyterLab

JupyterLab fits our goals:

- Learn how to work in a large codebase
- Interact with community members, including top contributors and non-contributors posting issues
- Improve debugging skills
- Learn about best software engineering practices

# Why JupyterLab: A Great Community

- A Welcoming and Friendly Community



The screenshot displays a vertical thread of three comments on a light blue background. Each comment is preceded by a small circular profile picture. The first comment is from 'woswos', the second from 'jasongrout', and the third from 'tgeorgeux'. Each comment header includes the username, the text 'commented on Apr 1', and a 'Member' badge with a smiley face icon and a three-dot menu. The first comment includes a thumbs-up icon with the number '3' and a gift icon with the number '1'. The comments are enclosed in light blue rounded rectangles with a thin border.

**woswos** commented on Apr 1 Member 😊 ...

Thanks for the quick response! For context, me, @amad-a, @quangIO, and @FungluiKoo are working on a university class project on making our first open source contribution. We hope to stay in touch with you and @tgeorgeux as we begin to work on this!

👍 3 🎁 1

**jasongrout** commented on Apr 1 Member 😊 ...

Welcome, and congratulations! We look forward to hearing from you!

**tgeorgeux** commented on Apr 1 Member 😊 ...

Hi @woswos et. al. It's nice to have you around! Thanks for choosing JupyterLab. A good first step would be to scratch out a simple wireframe of what you think the new dialogue should look like, including your preferred copy, we'll ring in with feedback as we have it.

I head up a lot of design and design-related decisions in JupyterLab. I won't be much help on the implementation phase, but I'm pretty good at knowing who to ask! :)

# Why JupyterLab: A Great Community

# Community Weekly Conference

HackMD

+

?

New!

B I S H

</> “ ” ☰ ☷ ☑

✂ 🖼 📄 - 💬

1 # JupyterLab Weekly Meeting Minutes

2

3 ✓ ### 06 May 2020 Weekly Meeting

4

5 - Max

6 - [jupyter-fs 0.0.2]

7 (https://github.com/jpmorganchase/jupyter

8 r-fs/pull/21) is now ready for beta

9 testers

10 - ![

11 (https://i.imgur.com/ElFFkVN.png)

12 - actual release of 0.0.2 later

13 today

14 - vscode: [back-and-forth

15 Python/Typescript debugging]

16 (https://github.com/jupyterlab/jupyterla

17 b/pull/8328) for JupyterLab core and

18 extensions

19 - works great!

20 - current blocker: can't just

21 check '.vscode/launch.json' into VCS

Line 1, Columns 1 — 1405 Lines

✓ ○ Spaces: 4 SUBLIME 🔧 Length: 80909

...

🔗


Sign in

🌸 2 ONLINE

👤 CHANGED 5 DAYS AGO

JupyterLab Weekly Meeting Minutes

06 May 2020 Weekly Meeting

- Max
  - [jupyter-fs 0.0.2](#) is now ready for beta testers
- 
- actual release of 0.0.2 later today
- [vscode: back-and-forth Python/Typescript debugging](#) for JupyterLab core and extensions
  - works great!
  - current blocker: can't just check `.vscode/launch.json` into VCS

# Why JupyterLab: A Great Community

- Appreciates contributors

This collage illustrates the JupyterLab community's appreciation for contributors through various GitHub interactions:

- Top Left:** A comment from **blink1073** (5 days ago) stating, "The `jupyter.org` page is [here](#), you'd have to make a PR in that repo. That on!".
- Top Right:** An approval from **blink1073** (4 days ago) with a green checkmark icon and a "View changes" button. Below it, a comment from **blink1073** (Member) says "Nice!".
- Middle Left:** An approval from **blink1073** (green checkmark icon). Below it, a comment from **blink1073** (Member) says "Hi @woswos, thank you for available to make PR with".
- Middle Right:** An approval from **blink1073** (4 days ago) with a green checkmark icon and a "View changes" button. Below it, a comment from **blink1073** (Member) is present.
- Bottom Left:** A comment from **blink1073** (4 days ago) saying, "Congratulations on your first contribution to JupyterLab".
- Bottom Right:** A comment from **tgeorgeux** (Contributor, 4 days ago) saying, "Thanks for noticing this! I think adding some logic that scales the entire row up to make space for the largest box is the easiest path forward.".

# Community Interactions

# GitHub Issues: An important way of interaction

jupyterlab / jupyterlab

Used by 17.9k

Watch 343

Star 9.8k

Fork 1.6k

<> Code

Issues 1,339

Pull requests 66

Actions

Projects 2

Wiki

Security 0

Insights

Pinned issues

**3.0 Release Plans**  
#8038 opened on Mar 12 by jasongrout  
Open 12

Filters

is:issue is:open

Labels 101

Milestones 6

New issue

1,339 Open ✓ 3,278 Closed

Author

Label

Projects

Milestones

Assignee

Sort

Kernel Restarting "org.zeromq.ZMQException: Errno 48 : Address already in use" issue.

#8409 opened 8 hours ago by IvanMijailovic

Shell Syntax Highlight

#8408 opened 9 hours ago by lucolotto

[Bug] Invisible Cursor with Jupyterlab

# GitHub Issues: An important way of interaction

## Comments on Existing Issues

- [#8094](#)[@woswos] Claimed the open issue and i
- [#8094](#)[@amad-a] Created the wireframe for the
- [#7854](#)[@FungluiKoo] Proposed a suggestion to
- [#8224](#)[@quangio] Narrowed down a bug
- [#8216](#)[@quangio] Narrowed to the specific line reported
- [#8202](#)[@quangio] Resolved building issues when Windows 10
- [#8282](#)[@FungluiKoo] Proposed a suggestion to
- [#7151](#)[@woswos] I realized that a part of the is another issue ([#7151](#)). So, I linked these issues.

## Issue Reports

- [#8256](#)**[CLOSED]**[@FungluiKoo] Created an issue for JupyterLab. However, maintainers told that it is not have expertise in this area.
- [#8257](#)**[CLOSED]**[@woswos] Created an issue for a files and folders in the file browser window. Current exactly the same in the file browser.
- [#8259](#)**[CLOSED]**[@woswos] Created an issue for in and CONTRIBUTING files. The original instructions v steps that made beginner's life difficult.
- [#361](#)**[OPEN]**[@woswos] Created an issue for fixing The Bootstrap cards they have used aren't adjusting
- [#8380](#)**[CLOSED]**[@quangio] Hint text should show
- [#364](#)**[OPEN]**[@woswos] Created an issue for fixing The CSS code of the widgets page gets overwritten shifts as a result of this.

# Recognized by the Community

GitHub



@blink1073 has invited you to join the  
**@jupyterlab** organization

Hi **Barkin Simsek!**

@blink1073 has invited you to join the @jupyterlab organization on GitHub. Head over to <https://github.com/jupyterlab> to check out @jupyterlab's profile.

This invitation will expire in 7 days.

Join @jupyterlab

GitHub



@blink1073 has invited you to join the  
**@jupyterlab** organization

Hi **Quang Luong!**

@blink1073 has invited you to join the @jupyterlab organization on GitHub. Head over to <https://github.com/jupyterlab> to check out @jupyterlab's profile.

This invitation will expire in 7 days.

Join @jupyterlab