

jupyter

Executive Council
State of Jupyter Updates

Jason Grout

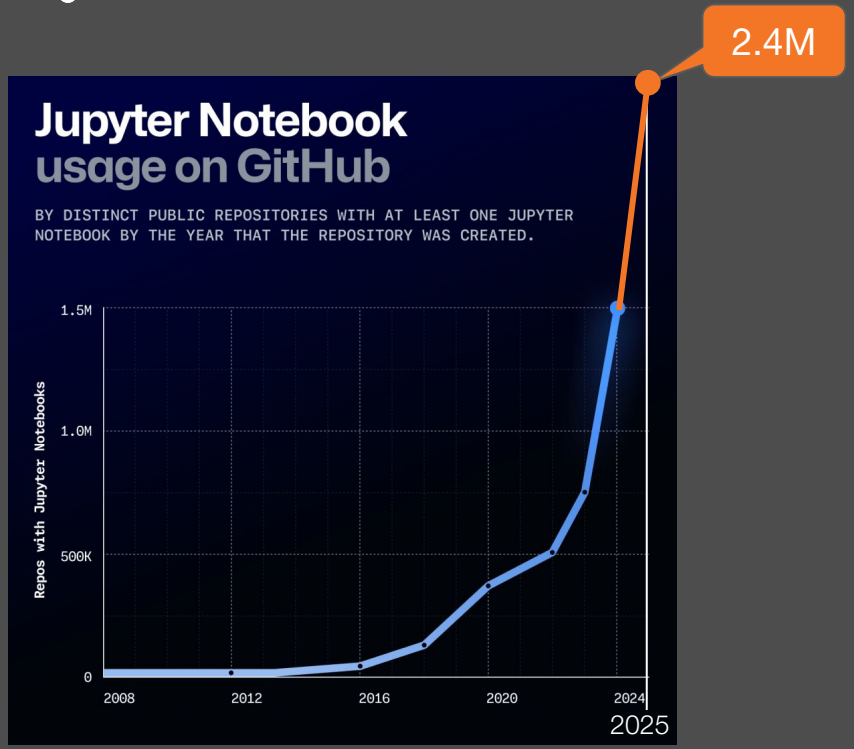
JupyterCon 2025

Rick Wagner



Recent Highlights

Adoption is Still Growing



"Notebooks are now a mature tool for experimentation…In 2025,
2.4 million repositories used Notebooks"

GitHub Octoverse 2024

October 29, 2024

GitHub Octoverse 2025

October 28, 2025

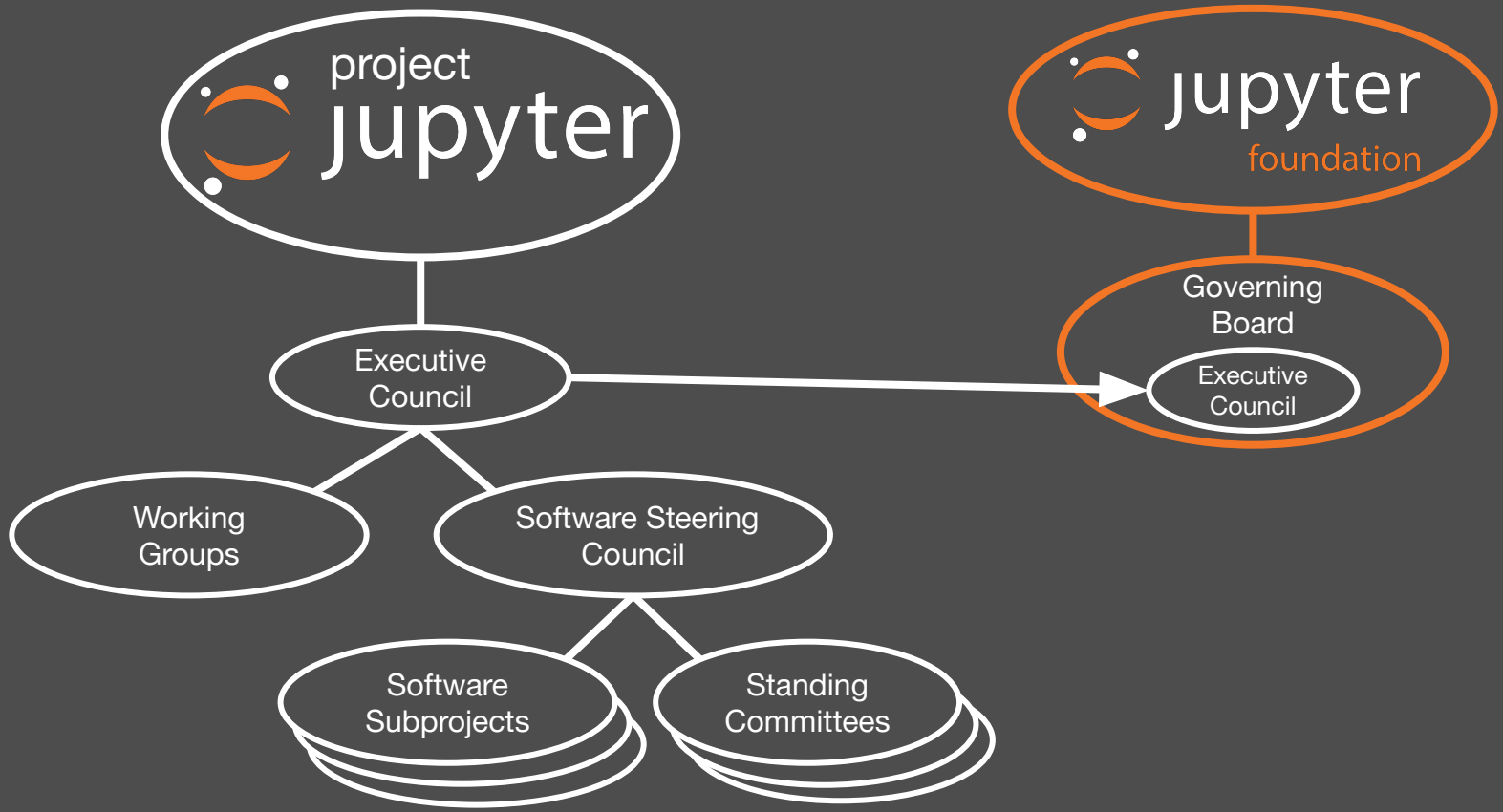


JupyterCon: 169 Organizations

- 2i2c – International Interactive Computing Collaboration
- Alan Turing Institute
- Anaconda
- Apple
- Applied Research Institute
- Aurora Technology for the European Space Agency
- AWS
- Axle Informatics
- b.next
- Berkeley Institute for Data Science
- Big River Steel LLC/US Steel
- BlackRock
- Bloomberg LP
- California Polytechnic State University
- California State University, Fullerton
- Capital One
- Celeste Power Group
- Clark Center for Geospatial Analytics
- Corning
- Curvenote
- Data Science 4 Everyone
- The Data Science Teaching and Learning Lab
- Databricks
- Datalayer
- Development Seed
- Discover Financial Services
- Duke University
- EarthScope Consortium
- Esri
- EuroPython Society
- Florida Atlantic University
- Genius Sports
- The George Washington University
- Google
- Harvard Medical School Center for Bioethics
- JetBrains
- JPMorganChase
- Lawrence Livermore National Laboratory
- Lila Sciences
- MathWorks
- Maxar
- National Energy Research Scientific Computing Center (NERSC)
- The New Stack
- Nomic
- Norwegian University of Life Sciences (NMBU)
- NSF NCAR
- Organizational Mycology
- Parabolic Ventures LLC
- Pinterest
- QuantStack
- Red Hat
- Research Institute of Systems Planning, Inc.
- Salesforce
- San Diego County Office of Education
- San Diego State University
- San Diego Supercomputer Center
- Skew The Script
- South Metropolitan TAFE (Australia)
- Sphinx
- Spyder
- Stanford University
- SCREEN Holdings Co., Ltd.
- Stripe
- TeachBooks (formerly Delft University of Technology)
- Terizza
- Tufts University
- UCLA Health
- University of California, San Diego
- University of California, Berkeley
- University of California, Riverside
- University of California, San Francisco
- University of Illinois at Urbana-Champaign
- University of Maryland
- University of Michigan
- University of Southern California
- University of Texas, Austin
- USAA
- Visa
- Volta Aluminum Company Limited
- Wiki3 A

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Jupyter Foundation Created



What is the Jupyter Foundation?

Mission:

"to provide resources for the benefit of Project Jupyter, so that Project Jupyter may continue to grow and evolve in this era of AI and pervasive, collaborative cloud infrastructure"

Funding Priorities:

- Grow contributor capacity.
- Improve the reliability, security, and consistency of Jupyter's

sphinx

jupyter foundation

Premier Members

aws, Apple, Bloomberg Engineering, Google, Meta, snowflake, Uber

General Members

ANACONDA., databricks, OpenTeams, QuantStack, sanofi

Associate Members

CERN, Cal Poly Bailey College of Science & Mathematics, Columbia University in the City of New York, Mass General Brigham, IIMA Brij Disa Centre for Data Science and Artificial Intelligence, Lawrence Livermore National Laboratory



Funded Community Proposals: 7

- More reliable visual testing for Jupyter frontends
- Separating JupyterLab's build system for easier maintenance
- Improving keyboard accessibility in JupyterLab
- Growing the contributor community for JupyterHub and JupyterBook
- Improving code quality with custom linting rules
- Supporting the Scala kernel (Almond) with maintenance and documentation
- Reviving the extension playground for easier prototyping



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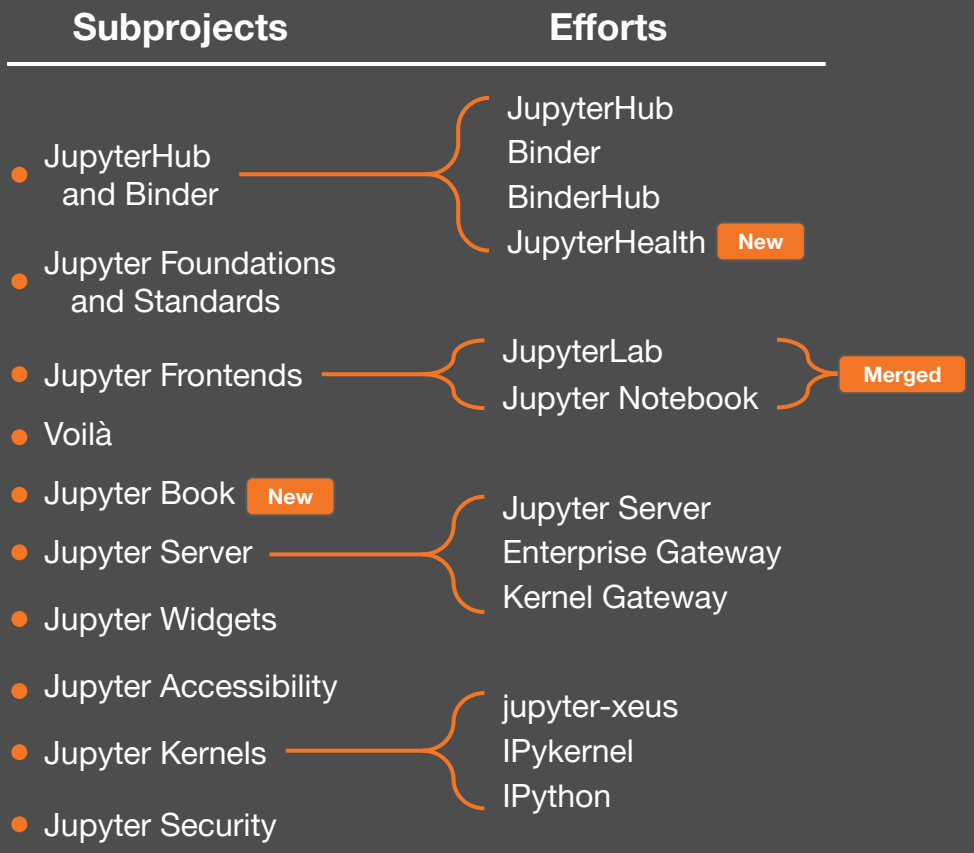


Funded Community Workshops: 4

- Demystify MyST Markdown in Education
- Security Tooling Sprint
- Roadmap Workshop for JupyterHub and Binder
- AI in Jupyter: Building Extensible AI Capabilities for Interactive Computing



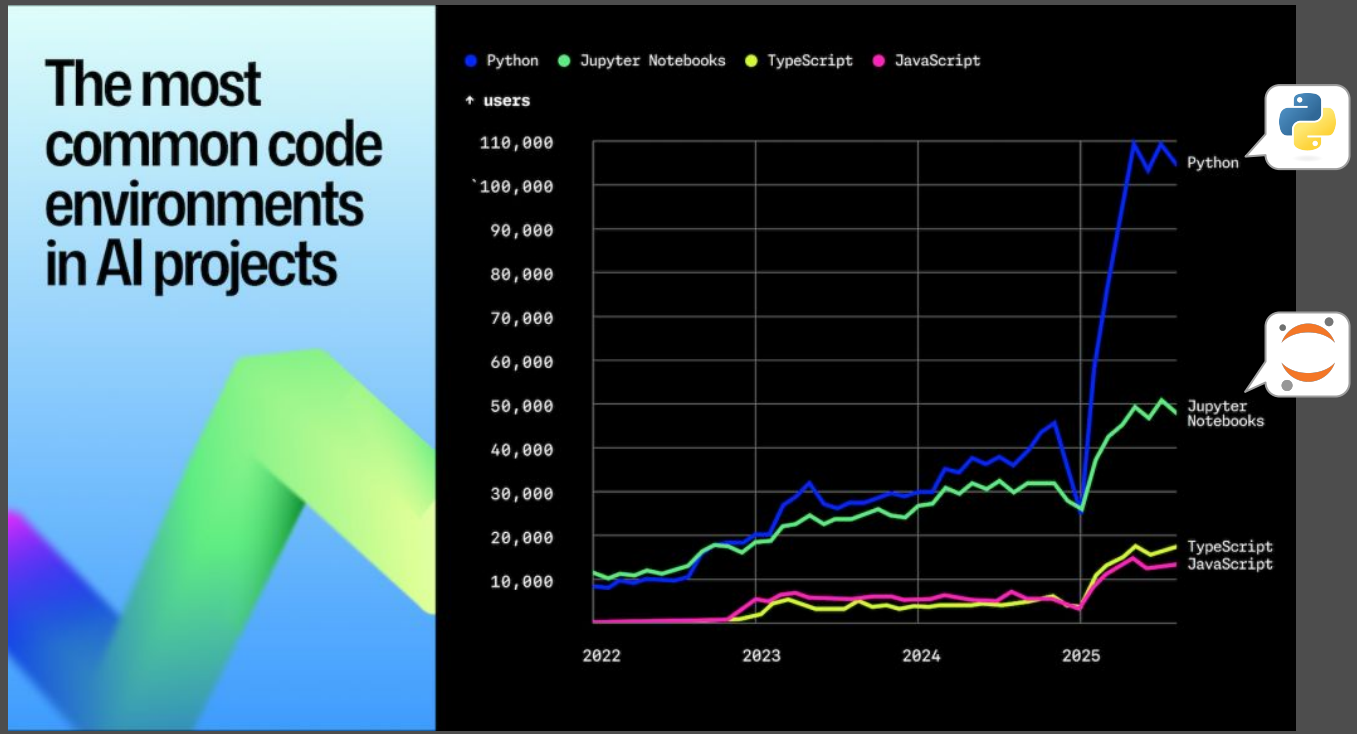
Jupyter Subprojects





Jupyter & AI

"Jupyter Notebook remains the go-to exploratory environment for AI"



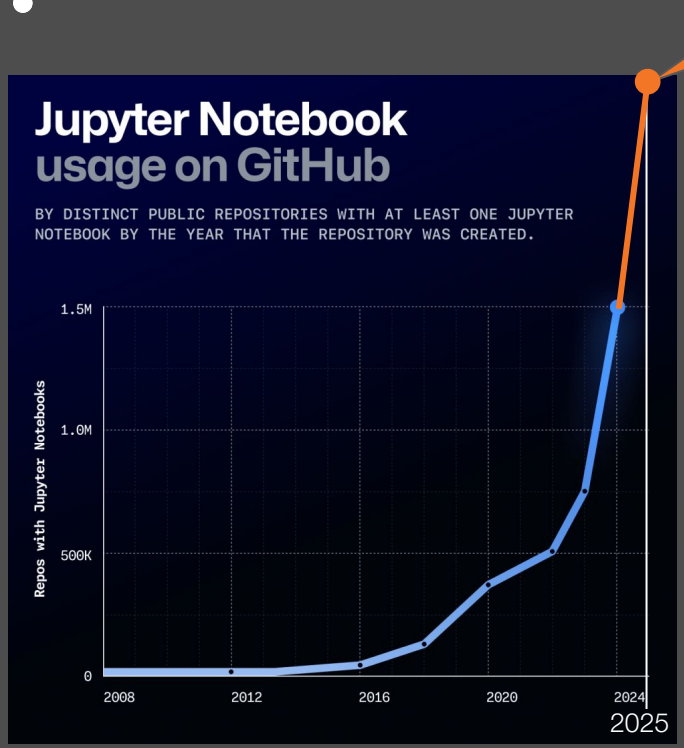
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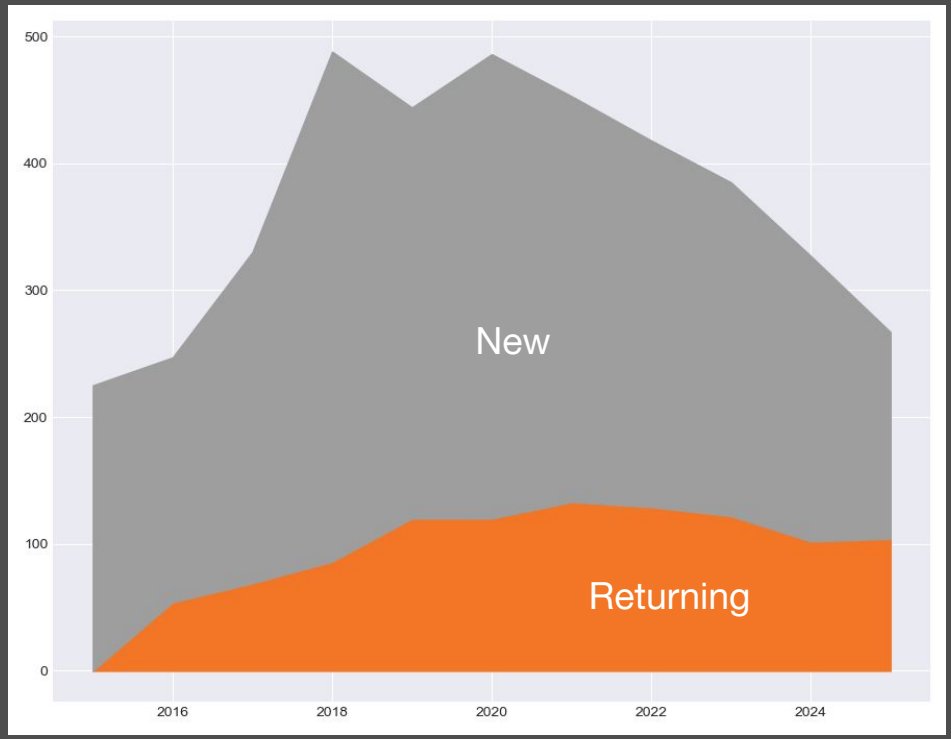
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Goals for 2026

Users vs Code Contributors

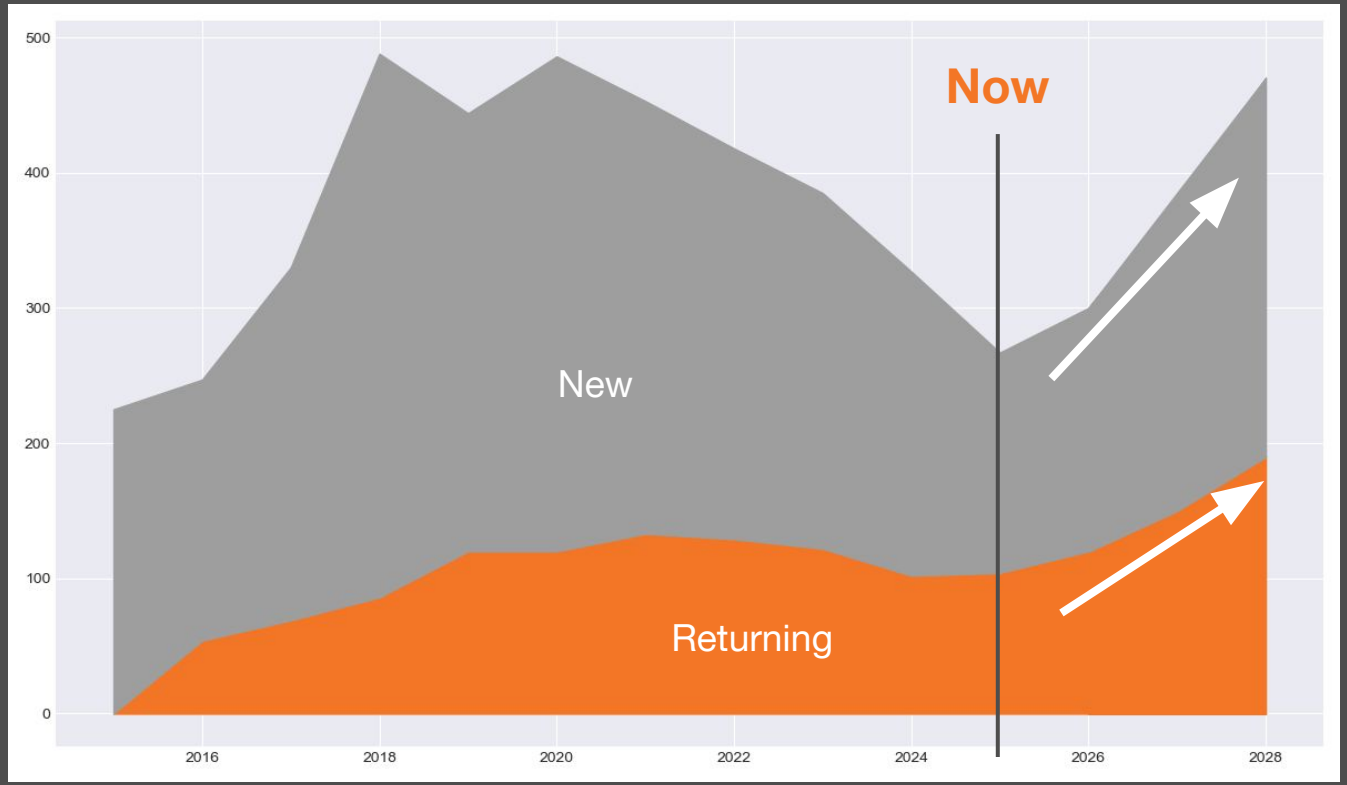




GitHub Octoverse 2024

October 29, 2024

Goals: Grow Contributor Capacity

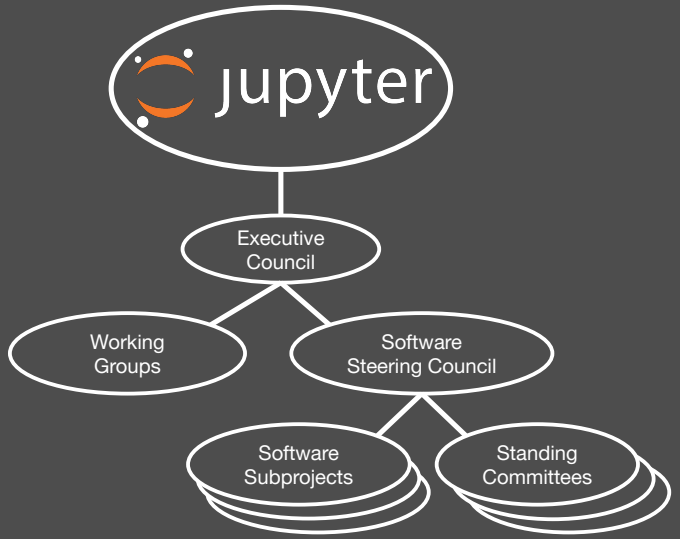


Bring the Foundation into the Community



The Wonderful Challenge

Focus the **collaboration** and **energy** in Project Jupyter



Subprojects	Efforts
JupyterHub and Binder	JupyterHub, Binder, BinderHub, JupyterHealth
Jupyter Foundations and Standards	
Jupyter Frontends	JupyterLab, Jupyter Notebook
Voilà	
Jupyter Book	
Jupyter Server	Jupyter Server, Enterprise Gateway, Kernel Gateway
Jupyter Widgets	
Jupyter Accessibility	
Jupyter Kernels	jupyter-xeus, IPykernel, IPython
Jupyter Security	

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10 Ways for Contributing Beyond Code

1. Attend JupyterCon, give a talk
2. Attend Jupyter community meeting
3. Serve on a Jupyter Council or Working Group
4. Join the Jupyter Foundation
5. Submit or respond to a GitHub issue
6. Tell the person next to you how you use jupyter
7. Write a blog post about Jupyter
8. Rewrite a confusing paragraph in the Jupyter docs
9. Try out a pre-release and give feedback
10. Analyze Jupyter community health data, share insights

THANK YOU!



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