

**The  
Alan Turing  
Institute**

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# **2020 SSI Fellowship Application**

**Sarah Gibson**



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## Who am I?

- Research Data Scientist at **The Alan Turing Institute**
- Operator of mybinder.org
- Contributor to *The Turing Way*



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# Expand and Diversify the Binder Community

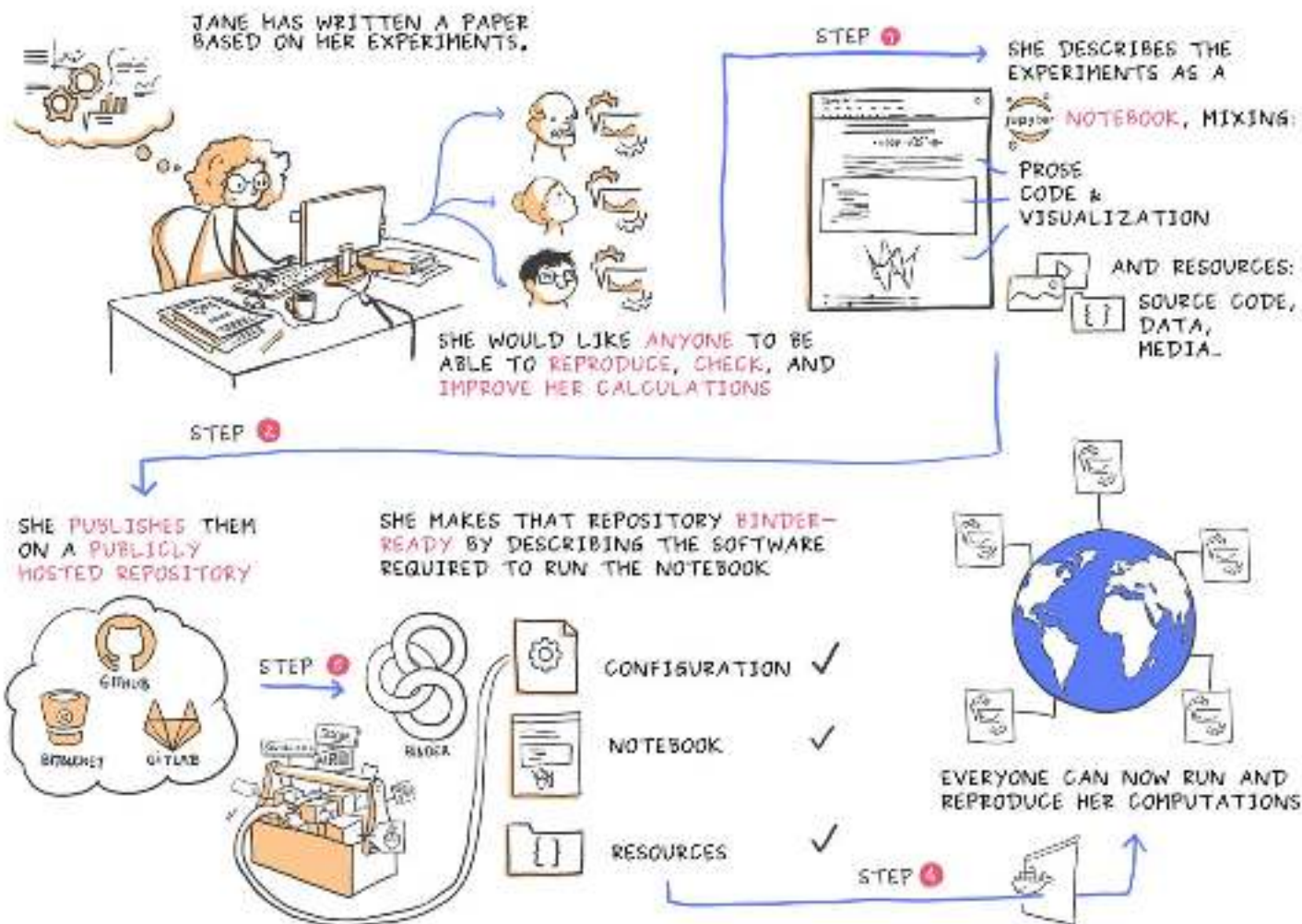


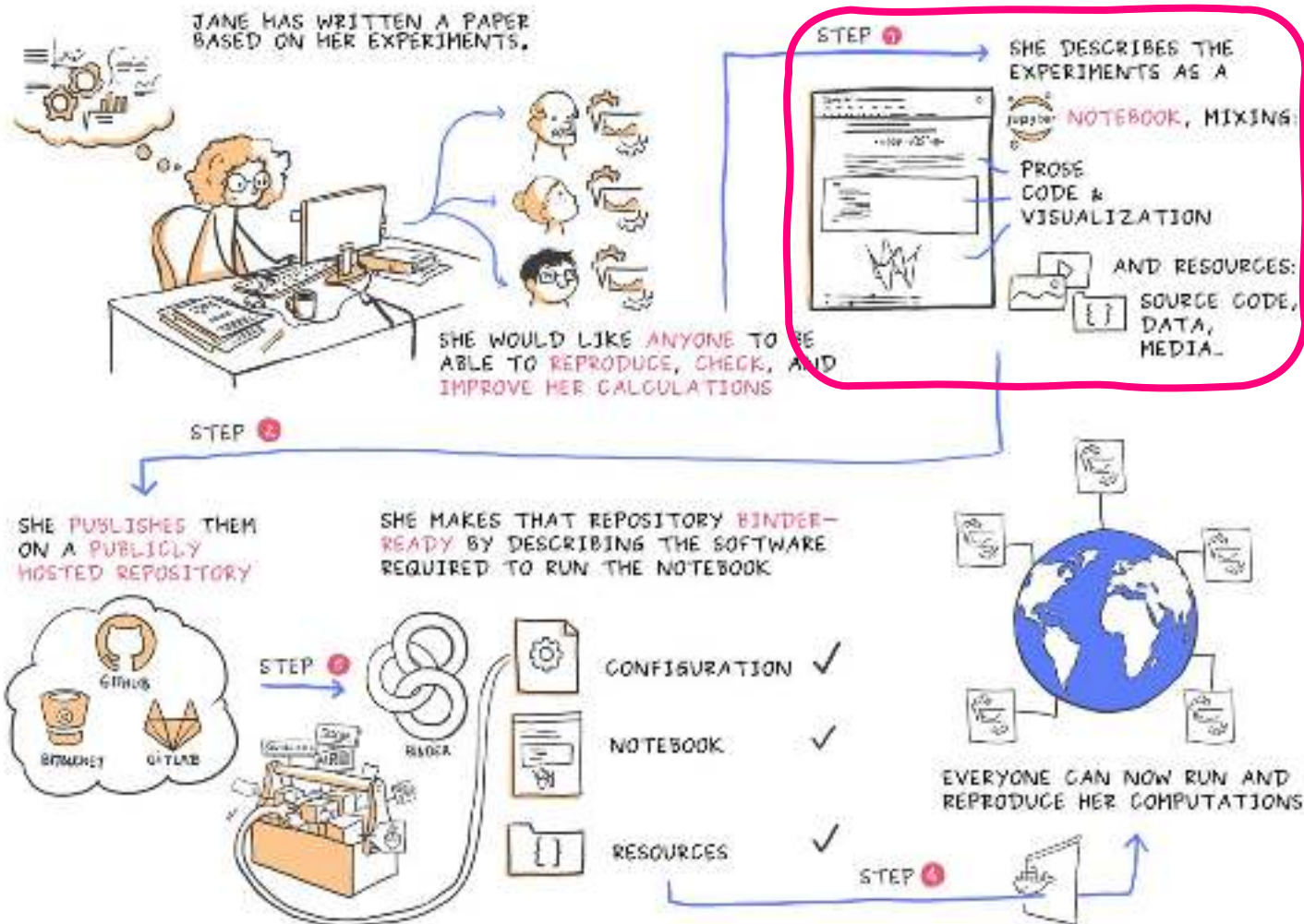
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# What is Binder?

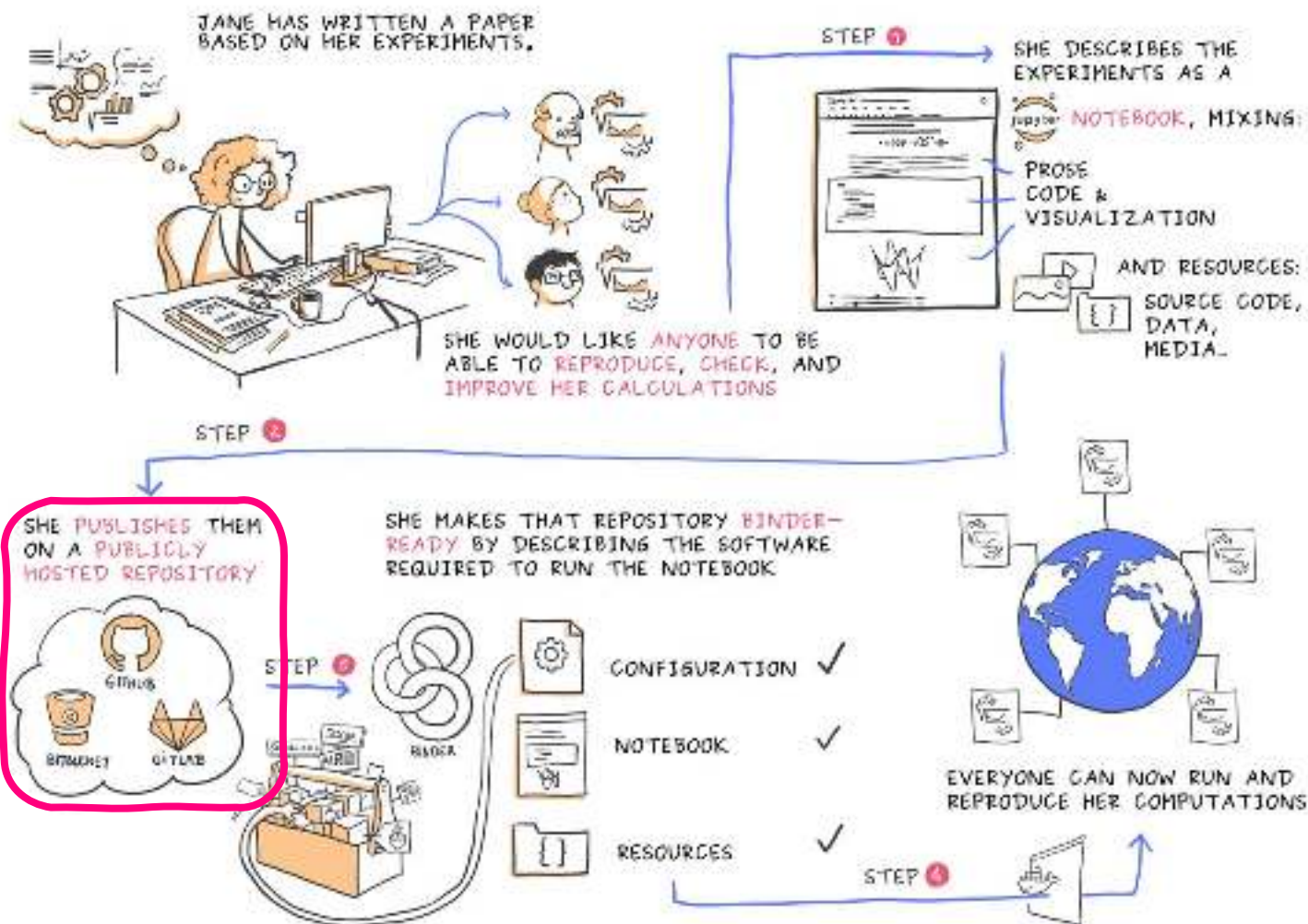


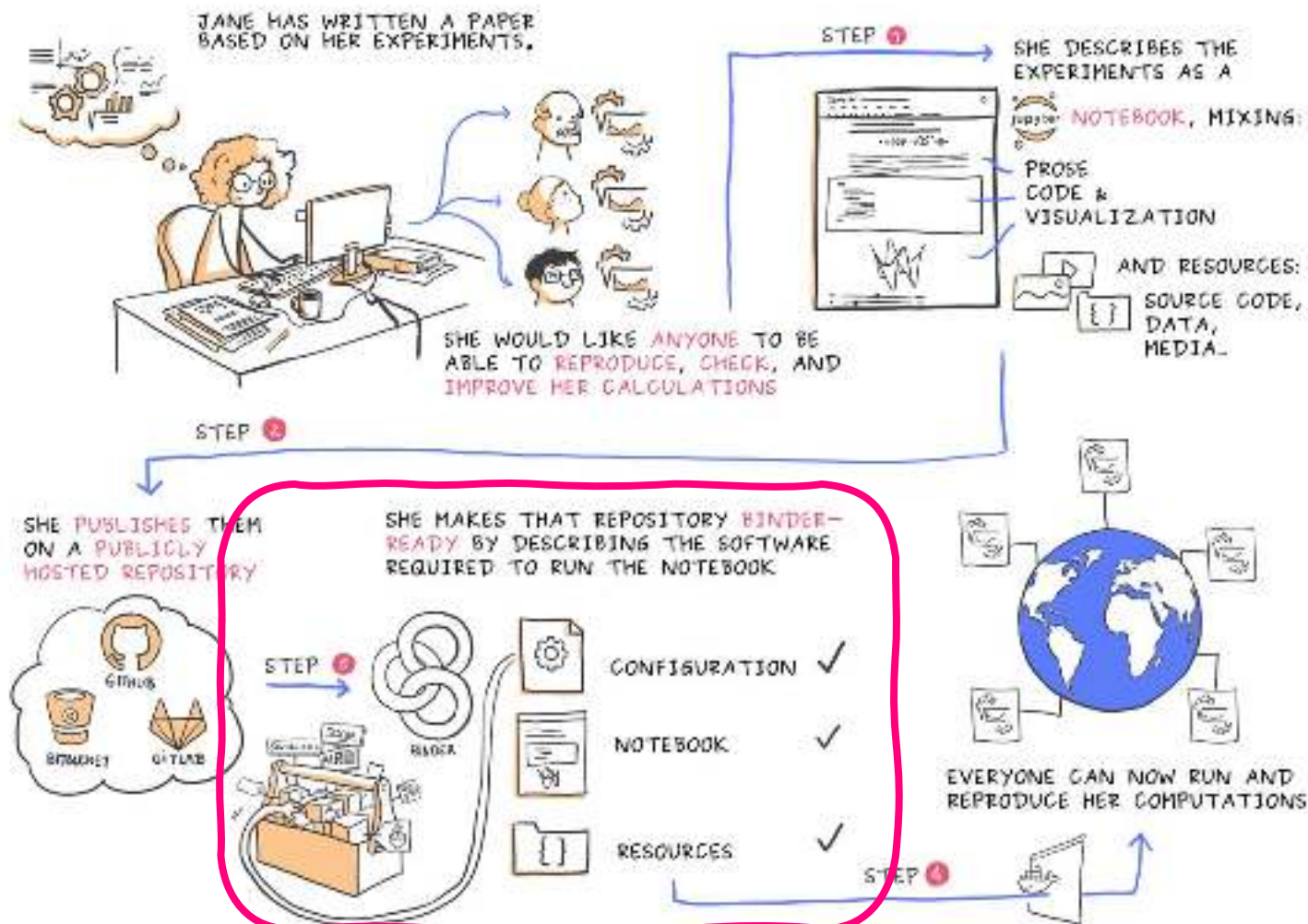


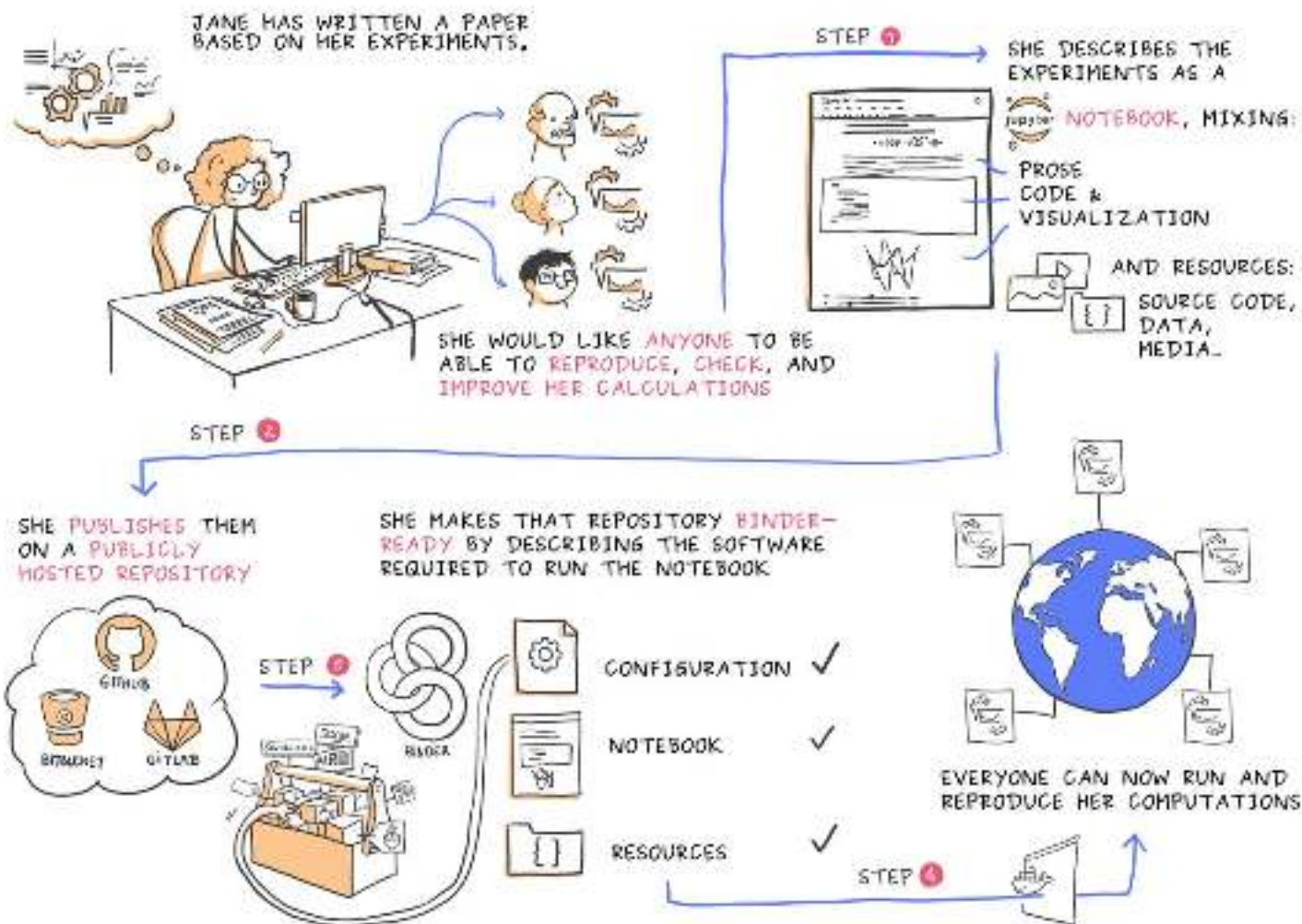






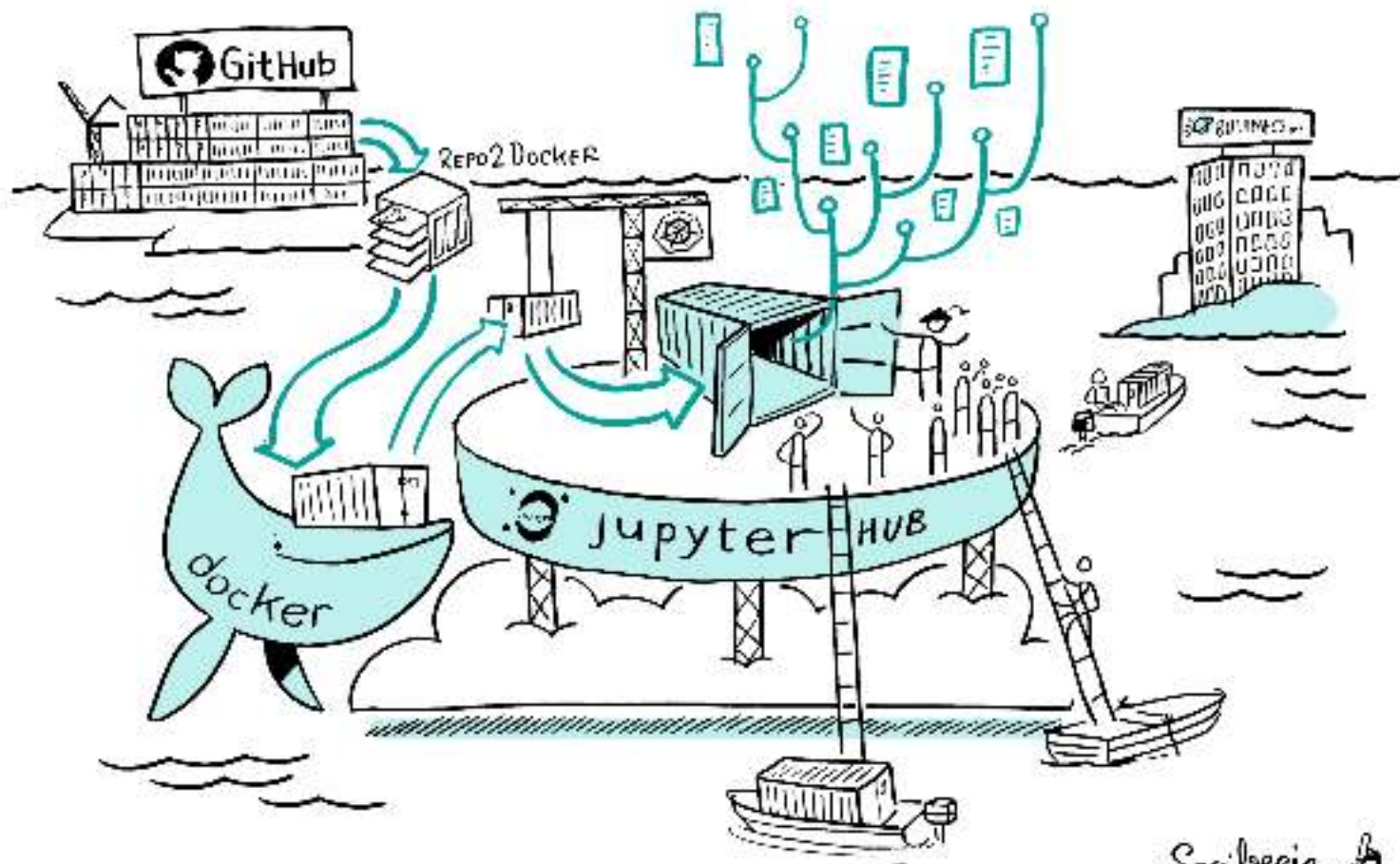


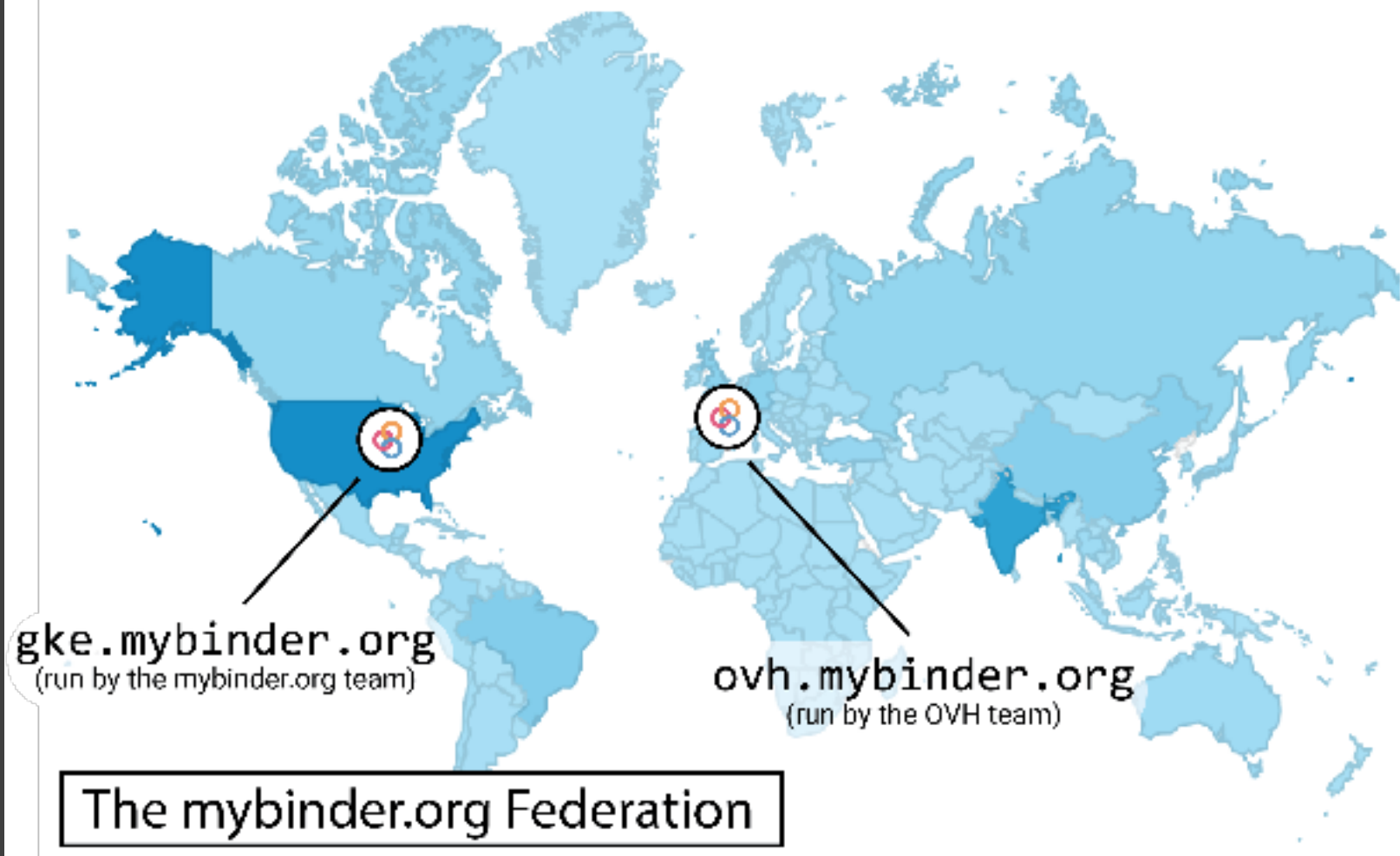




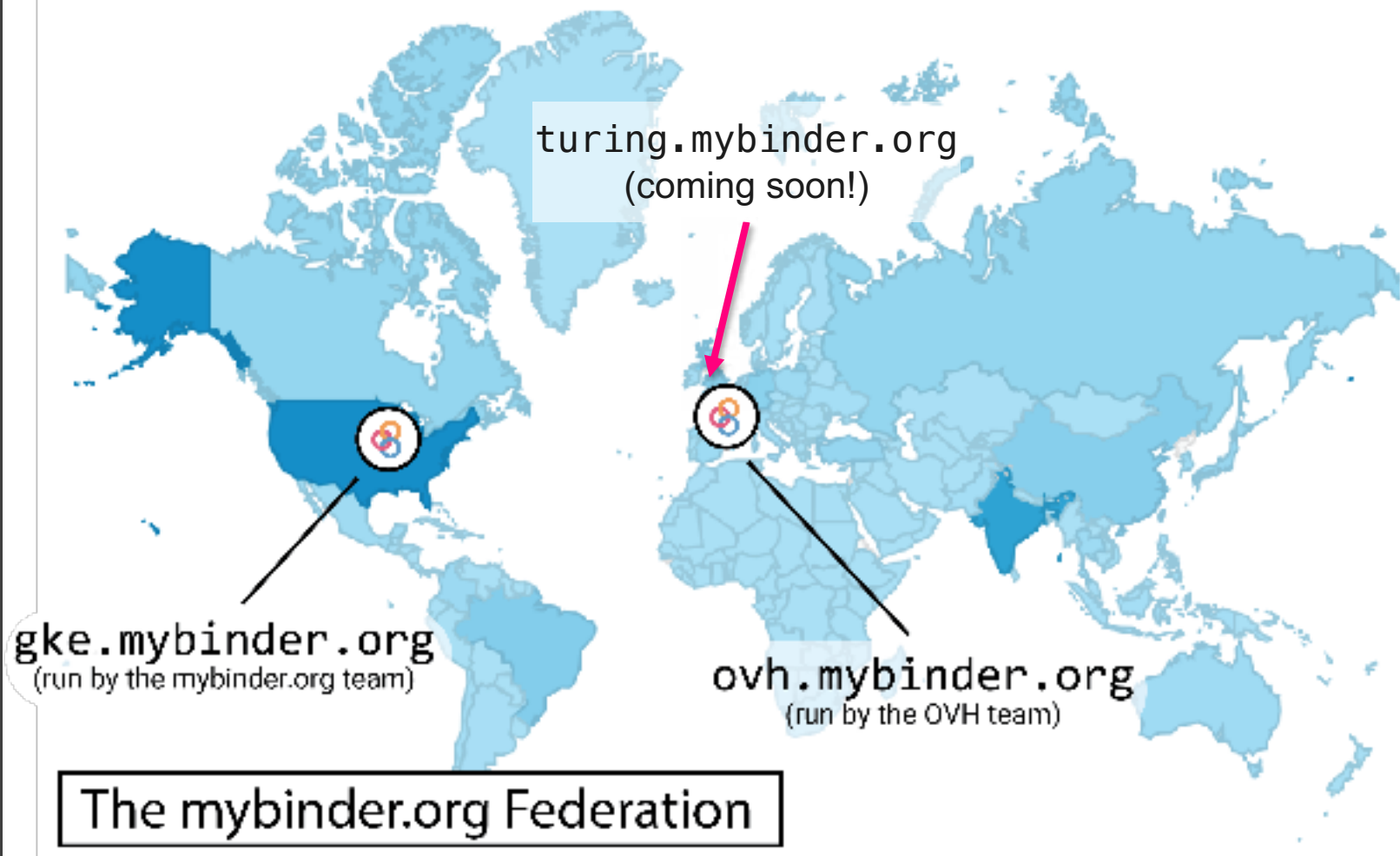


# BinderHub









# My Contributions

- Developed and ran workshops on Binder and BinderHub through *The Turing Way*
- Simplified deployment process with one-click
- RSE Con UK 2019: RSE Worldwide panel, “Zero to BinderHub” workshop



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# The Binder Community

## Issues

## Motivations





# The Binder Community

## Issues

– Python-centric



## Motivations



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## Issues

- Python-centric
- Small number of active maintainers

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## Motivations

- Shape the roadmap of Binder



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- Shape the roadmap of Binder
- Improve support for language/domain





# The Binder Community

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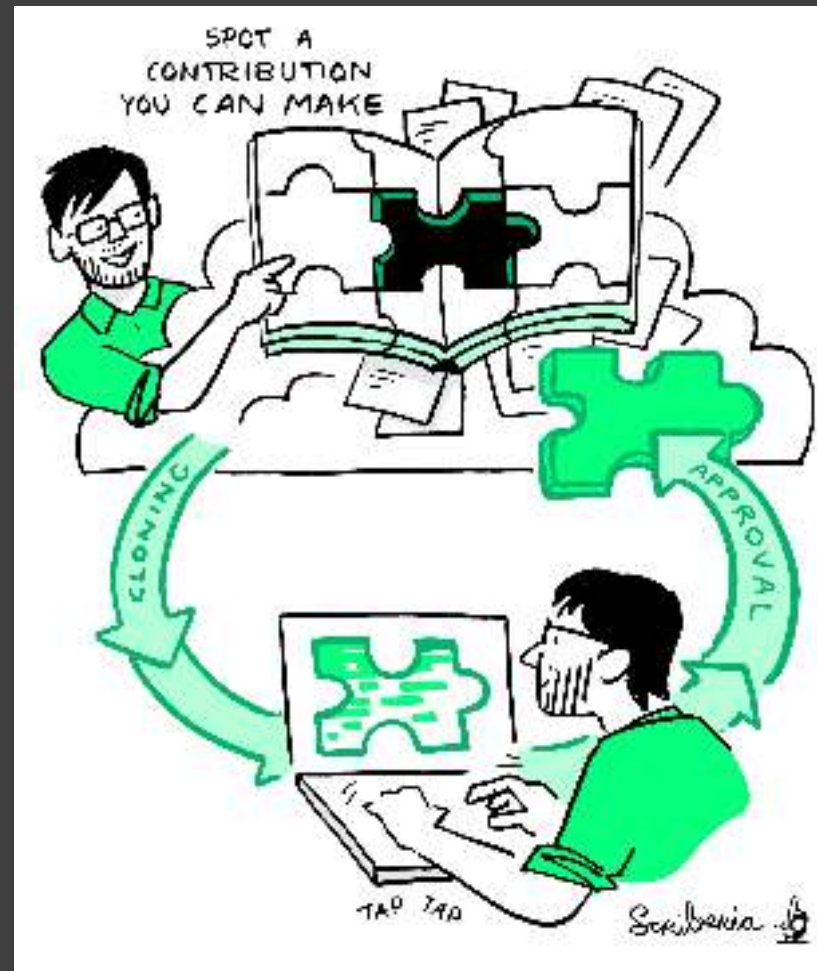
## Motivations

- Shape the roadmap of Binder
- Improve support for language/domain
- Be a part of a welcoming and supportive community!



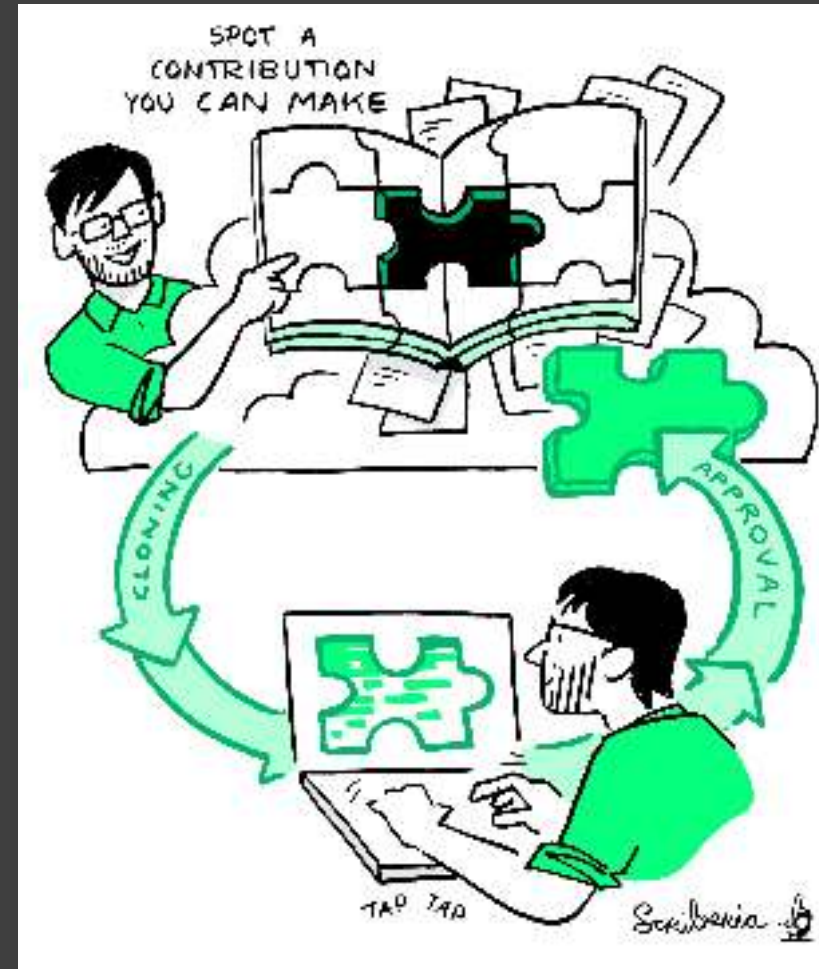
# A Binder “Do-athon”

– Single day workshop



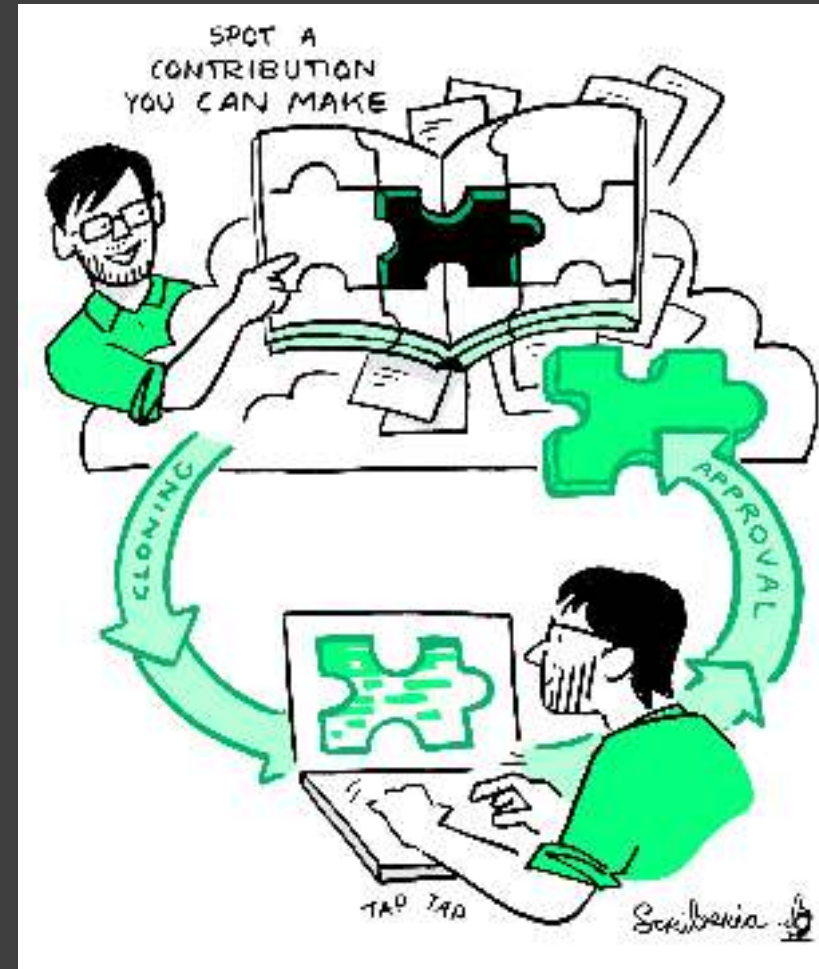
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- Single day workshop
- AM session: “Train the Trainers” on teaching with Binder



# A Binder “Do-athon”

- Single day workshop
- AM session: “Train the Trainers” on teaching with Binder
- PM session: Contribute back to Binder on barriers and tricky topics



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# Reaching Out



European R  
Users Meeting



JuliaCon



EuroSciPy

# Reaching Out



European R  
Users Meeting



JuliaCon

- Workshops on  
“Reproducible Binders  
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EuroSciPy



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EuroSciPy

- **Workshops** on “Reproducible Binders in Python / R / Julia”
- **Sprints** to facilitate contributions

# Reaching Out



European R  
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JuliaCon



EuroSciPy

- **Workshops** on “Reproducible Binders in Python / R / Julia”
- **Sprints** to facilitate contributions
- **Listen** to and **empower** these communities

# Thank you for listening!

GitHub: @sgibson91



Twitter: @drsarahlgibson



[bit.ly/zero-to-binder-tutorial](https://bit.ly/zero-to-binder-tutorial)  
[bit.ly/zero-to-binderhub-workshop](https://bit.ly/zero-to-binderhub-workshop)

Try out Binder here  [mybinder.org](https://mybinder.org)