

# Bundle your Project and Computing Environment with Binder



is an open-source and free service for researchers to create a shareable project version that can be viewed and interacted with within a reproducible computational environment that runs in the cloud via a web browser.

- 1 Make your data and scripts publicly available via Github or another supported repository.
- 2 Declare your environment setup and specify dependencies in two text files placed in the project's root directory. See examples at [github.com/binder-examples](https://github.com/binder-examples)
- 3 Access [mybinder.org](https://mybinder.org), select the appropriate repository, enter the required information, click launch, and patiently wait for the environment to build.

Build and launch a repository

GitHub repository name or URL

GitHub

Git ref (branch, tag, or commit) Path to a notebook file (optional)

HEAD  File

Copy the URL below and share your Binder with others:

Expand to see the text below, paste it into your README to show a binder badge:

```

[[Binder](https://mybinder.org/badge_logo.svg)](https://mybinder.org/v2/gh/binder-examples/r/HEAD)

```

```

.. image:: https://mybinder.org/badge_logo.svg
   :target: https://mybinder.org/v2/gh/binder-examples/r/HEAD

```

- 4 Share the link to your “binder-ized” repository, or copy the supplied code snippet to your repository README to a badge so others can launch your project with a single click.



- Binder is not meant for heavy computing. Data files should be less than 10 MB, and code should take less than 10 minutes to run.
- All changes to the code won't be saved in Binder. They need to be reflected in the sourced repository.
- Besides being public, the repository should not require personal or sensitive information such as passwords.
- You have to re-run the environment if it is idle for more than 10 minutes.

