Pythia Cookbook Cook-Off Notes on Adding Zenodo DOIs to your repositories

I am adding these notes here instead of in the contributor's guide because the steps to get your repository up to speed with the new template are different from the steps when using the current template. For the curious, here is a draft of the steps if using the template as of 6/23/23. If you need help email me at jkent@ucar.edu or tag me on GitHub @jukent

You can see a model of what has changed to the cookbook-template in this Pull Request's "files changed".

1. Add a `CITATION.cff` file to your repository at the root level! (**This is the most important step because I cannot do it without your input.**) This file looks like this. The things you should change are in red. Add as many authors as you'd like.

```
cff-version: 1.2.0
message: "If you use this cookbook, please cite it as below."
authors:
  # add additional entries for each author -- see
https://github.com/citation-file-format/citation-file-format/blob/main/schema-guide.md
  - family-names: Last
    given-names: First
    orcid: https://orcid.org/0000-0000-0000-0000 # optional
    website: https://github.com/username # optional
    affiliation: Anywhere # optional
  - name: "This Cookbook contributors" # use the 'name' field to acknowledge
organizations
    website: "https://github.com/ProjectPythia/this-cookbook/graphs/contributors"
title: "This Cookbook"
abstract: "A sample cookbook description."
```

2. Add a `notebooks/how-to-cite.md` file. **Get the correct number for your DOI badge** from the ID field at this site: *https://api.github.com/repos/ProjectPythia/repository-name*

```
# How to Cite This Cookbook

The material in Project Pythia's This Cookbook is licensed for free and open
consumption and reuse. All code is served under [Apache
2.0](https://www.apache.org/licenses/LICENSE-2.0), while all non-code content is
licensed under [Creative Commons BY 4.0 (CC BY
4.0)](https://creativecommons.org/licenses/by/4.0/). Effectively, this means you are
free to share and adapt this material so long as you give appropriate credit to the
Cookbook authors and the Project Pythia community.

The source code for the book is [released on
GitHub](https://github.com/ProjectPythia/this-cookbook) and archived on Zenodo. This
DOI will always resolve to the latest release of the book source:

[![DOI](https://zenodo.org/badge/475509405.svg)](https://zenodo.org/badge/latestdoi/475
509405)
```

3. Add your `how-to-cite.md` file to the `_toc.yml` (table of contents) in the "Preamble" section as the first entry under "parts."

```
format: jb-book
root: README
```

```
parts:
  - caption: Preamble
    chapters:
      - file: notebooks/how-to-cite
```
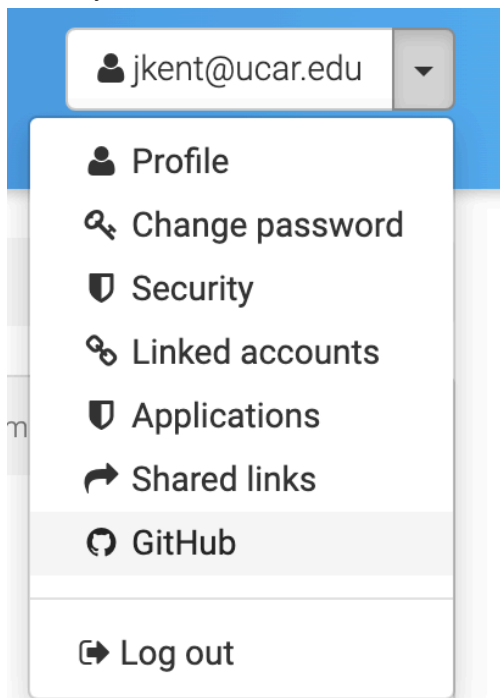
4. Add your Zenodo DOI badge from the `how-to-cite.md` file to your `README.md` file. Add it to the line under the binder badge (without a blank line in between).

```
[![DOI](https://zenodo.org/badge/475509405.svg)](https://zenodo.org/badge/latestdoi/475509405)
```

5. Create a `_gallery_info.yml` file in the root level of your directory to contain information relevant to building the gallery card for your cookbook.

```
thumbnail: thumbnail.png
tags:
  domains:
    - sampledomain
  packages:
    - samplepackage
```

6. Remove unnecessary lines from `_config.yml`. This includes the email, description, thumbnail, and tags fields.

7. Create your pull request!! Links will fail until the Zenodo badge has a release to actually point to.

8. On Zenodo toggle on your repository by going to GitHub and then finding your repository. Let me know if you cannot do this.

9. On GitHub make a new release! This is on the right nav side of the page from your code-view in the repository.

Releases

No releases published
Create a new release

Congratulations, your cookbook is now citable!