

FAIR CODE **CHEATSHEET**

uu.nl/rdm-cheatsheets



1. Make a C GitHub Account and connect to Utrecht University.

See https://github.com/UtrechtUniversity/getting-started.

- 2. **Create** a new repository.
- 3. **Upload** your code and/or scripts.

README template on the back!

Findability

- Create a **README** in **GitHub** that introduces your code and analysis. See the template on the back.
- Get a DOI for your repository by uploading a persistent copy to archiving tool Zenodo

Manually

- 1. Create a **Zenodo** account or sign in.
- 2. Click on **new upload**.
- 3. Upload the files and fill in the metadata.

read

Accessibility

Interoperability

Reusability

first before publishing the result Technically Follow the Github tutorial on referencing and citing content.

Use ORCID identifier(s) in your Zenodo metadata. You don't have one yet? Go to orcid.org and sign up.

Accessibility

Does your code contain privacy sensitive **information** or other information that cannot be disclosed?

No

Upload your code to GitHub and make it publicly accessible.

Or: Upload it as supplementary material.

Remove parts that cannot be disclosed and go to answer "No".

Or: Upload your code to GitHub and keep it **private**. The same holds for **Zenodo**. See "Findability".

I don't know

Yes

Contact RDM Support or a research engineer.

Interoperability

Add the following information to your **README file:**

- Include any necessary prerequisites for using your code, such as required datasets, specific (open) software, dependencies or hardware
- requirements. If applicable, provide clear instructions how to get the input data.
- Use an open programming language that is common or rising in your research
- Use input and output formats for data that are open protocols. For example, the CSV

Reusability

Publish your code under an accessible license. Do you want to publish your code fully open or with (some) restrictions?

open

Go to *choosealicense.com* and pick a licence that fits your needs. The MIT License is the most used license for code in research.

with restrictions

Create a custom-made software license.

Add the following information to your **README file:**

- Provide documentation and examples on using your **code**.
- Enable users to contact you (e.g. GitHub) in case they have questions, remarks, or **feature requests**.

Interested in more on FAIR code?

Visit uu.nl/rdm for guides, workshops, and walk-in hours or the science-data-support site for faculty specific information. You can contact our experts at info.rdm@uu.nl or rdm-beta@uu.nl.

Your code is now FAIR and ready to be published!



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README.md

Title of your code or analysis

In this section, provide an overview of your code and describe the project in which the code was developed. Highlight the purpose, scope, and potential uses of your code.

Prerequisites

Include any necessary prerequisites for using your code, such as required datasets, specific software, dependencies or hardware requirements. For example: This project requires Python 3.8 or later and install the dependencies with pip install -r requirements.txt`.

Contents

Describe the organization of your package, including the contents of each folder and the files it contains. Describe where results and figures are stored if not added to the project folder.

Usage

Provide clear and concise instructions on how to use your code. Include examples of how to execute the code. If your work consists of multiple execution steps, provide detailed step-by-step instructions.

License

With an open-source license, such as MIT, GPL3, and Apache 2.0, you grant permission to use your work. Choose a license that aligns with your goals for your code.

For example: This work is licensed under the MIT License.

Citation (optional)

Provide clear instructions on how to cite your code or related publications in a research paper or publication. You can also add a

Contact

Include contact information for questions or comments about your project. You can also provide clear instructions for how users can provide feedback, contribute, or suggest improvement

Interested in more on writing a README?

Visit uu.nl/rdm for guides, workshops, and walk-in hours or the science-data-support site for faculty specific information. You can contact our experts at info.rdm@uu.nl or rdm-beta@uu.nl.

Check out the extended version:

https://bit.ly/faircheatsheet-readme

