

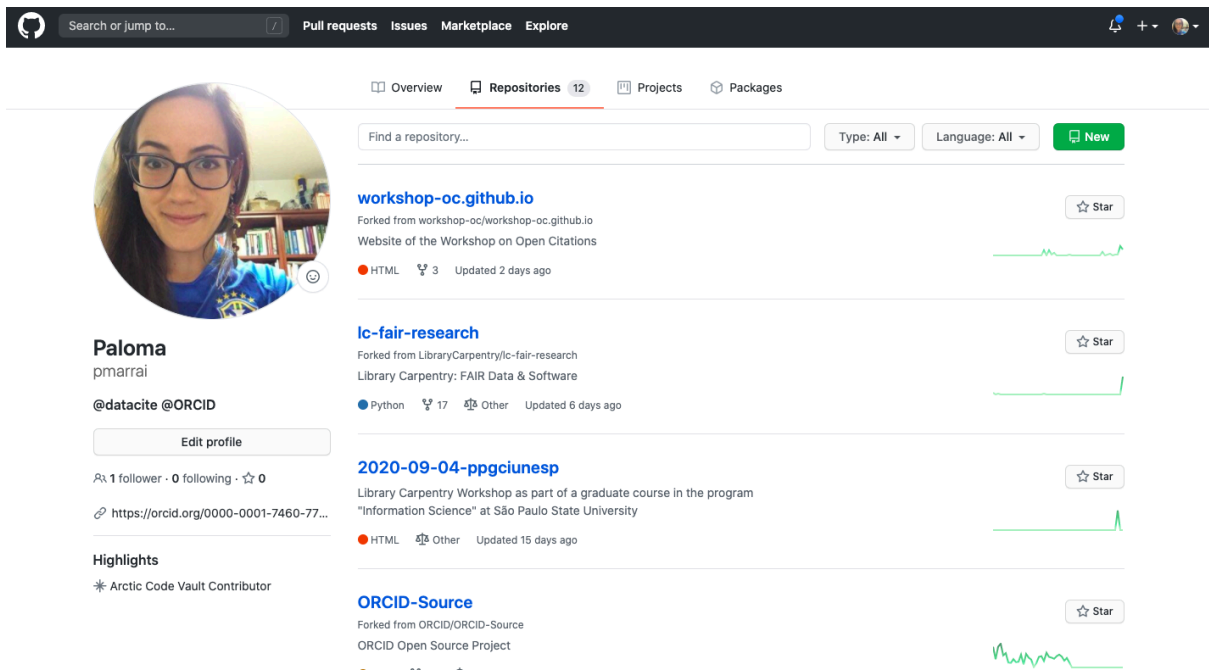
Conectar um repositório de GitHub com Zenodo

Objetivos:

- Conhecer a plataforma GitHub e o repositório Zenodo
- Entender a importância da documentação do código
- Obter um DOI para o nosso código e as futuras versões

Passos:

1. No nosso perfil, ir na aba “repositories” em GitHub (no meu caso o endereço é <https://github.com/pmarrai?tab=repositories> , onde “pmarrai” é o meu nome de usuário) e escolher o repositório de GitHub que queremos arquivar em Zenodo.

The screenshot shows the GitHub profile of a user named Paloma pmarrai. The profile includes a circular profile picture, the name 'Paloma pmarrai', and the handle '@datacite @ORCID'. Below this is an 'Edit profile' button and statistics: '1 follower · 0 following · 0 stars'. A link to the ORCID profile is provided: 'https://orcid.org/0000-0001-7460-77...'. The 'Highlights' section shows 'Arctic Code Vault Contributor'. The 'Repositories' tab is selected, showing a list of repositories. The first repository is 'workshop-oc.github.io', which is a fork of 'workshop-oc/workshop-oc.github.io' and is described as the 'Website of the Workshop on Open Citations'. It is a HTML repository with 3 forks, updated 2 days ago. The second repository is 'lc-fair-research', a fork of 'LibraryCarpentry/lc-fair-research', described as 'Library Carpentry: FAIR Data & Software'. It is a Python repository with 17 forks and other files, updated 6 days ago. The third repository is '2020-09-04-ppgciunesp', described as 'Library Carpentry Workshop as part of a graduate course in the program "Information Science" at São Paulo State University'. It is a HTML repository with other files, updated 15 days ago. The fourth repository is 'ORCID-Source', a fork of 'ORCID/ORCID-Source', described as the 'ORCID Open Source Project'. It is a Python repository with other files, updated 15 days ago. Each repository has a 'Star' button and a green line graph showing activity over time.

2. Ir a Zenodo <https://zenodo.org/> e se cadastrar (sign up) como usuário. Podem fazer este passo utilizando ORCID. Quem já tiver uma conta em Zenodo, simplesmente

precisa se logar (log in).

The image shows the Zenodo sign-up page. At the top, the Zenodo logo is displayed in white on a blue background. Below the logo, the text "Research. Shared! Sign up today." is centered. A horizontal line separates this header from the main content area. On the left side, there are three sections: "Citeable. Discoverable." with a subtext about Digital Object Identifiers (DOI), "Communities" with a subtext about accepting or rejecting uploads, and "Trusted Research Data Management" with a subtext about CERN's expertise. On the right side, there are three buttons for sign-up: "Sign up with GitHub", "Sign up with ORCID", and a "— OR —" separator. Below these buttons are three input fields: "Email Address", "Username", and "Password".

zenodo

Research. Shared! Sign up today.

Citeable. Discoverable.
Uploads get a Digital Object Identifier (DOI) to make them easily and uniquely citeable.

Communities
Accept or reject uploads to your own community (e.g workshops, EU projects, institutions or entire disciplines).

Trusted Research Data Management
Built on top of CERN's expertise in managing 100s of petabytes of research data from the Large Hadron Collider.

Sign up with GitHub

Sign up with ORCID

— OR —

Email Address

Username

Password

3. Após o cadastro em Zenodo, precisamos autorizar a conexão Zenodo - Github. Para isso, acessamos as configurações do perfil <https://zenodo.org/account/settings/profile/> e entramos na aba Github <https://zenodo.org/account/settings/github/>
4. Esta conexão vai permitir estabelecer “webhooks” para poder fornecer informação a tempo real entre Github e Zenodo. Assim, se fizermos alguma mudança no repositório de Github, Zenodo a reconhecerá também.
5. Autorizar a conexão Github - Zenodo. Vocês receberão alguns e-mails de confirmação. Lembrem-se de ter o repositório em Github público para poder estabelecer a conexão.

6. Após conectar as duas plataformas, obteremos uma interface como a seguinte. O interruptor em “ON” indica que o repositório está conectado. Em “OFF”, que não.

zenodo Search Upload Communities pmarra111@googlemail.com

Home / Account / GitHub

Settings

- Profile
- Change password
- Security
- Linked accounts
- Applications
- Shared links
- GitHub**

GitHub Repositories (updated now) Sync now ...

Get started

1 Flip the switch

Select the repository you want to preserve, and toggle the switch below to turn on automatic preservation of your software.

ON

2 Create a release

Go to GitHub and [create a release](#). Zenodo will automatically download a .zip-ball of each new release and register a DOI.

3 Get the badge

After your first release, a DOI badge that you can include in GitHub README will appear next to your repository below.

DOI 10.5281/zenodo.8475 (example)

Enabled Repositories

- pmarra/task1_opensciencemooc_pma

DOI 10.5281/zenodo.3524171

ON

Repositories

If your organization's repositories do not show up in the list, please ensure you have enabled [third-party access](#) to the Zenodo application. Private repositories are not supported.

7.

Repositories

If your organization's repositories do not show up in the list, please ensure you have enabled [third-party access](#) to the Zenodo application. Private repositories are not supported.

pmarra/2019-08-28-online	OFF
pmarra/2020-09-04-ppgciunesp	OFF
pmarra/Module-5-Open-Research-Software-and-Open-Source	OFF
pmarra/ORCID-Source	OFF
pmarra/curso	OFF
pmarra/janeway	OFF
pmarra/lc-fair-research	OFF
pmarra/lc-python-intro	OFF

8. Nas configurações do repositório em GitHub podemos comprovar que foram criados uns “webhooks” para Zenodo

https://github.com/pmarrai/task1_opensciencemooc_pma/settings/hooks

9. Em Zenodo, ativar o repositório em “ON” e fazer o primeiro “release”. Isto levará de novo a GitHub onde precisaremos documentar o conteúdo desta “release”. Depois publicaremos o “release” y yá estará disponível em Zenodo.

The screenshot shows the Zenodo interface for a repository named 'pmarrai/task1_opensciencemooc_pma: First release'. The repository is owned by 'Paloma Marín-Arraiza' and is the 'First release for this repository as part of task 2 (OS-MOOC)'. The repository is set to 'Open Access' and has 13 views and 1 download. The repository is available in GitHub and indexed in OpenAIRE. The publication date is October 31, 2019, and the DOI is <https://doi.org/10.5281/zenodo.3524171>. The repository contains a file named 'task1_opensciencemooc_pma-1.0.0.zip' and a directory named 'pmarrai-task1_opensciencemooc_pma-08a0ab5' which contains four files: 'CODE_OF_CONDUCT.md' (3.4 kB), 'CONTRIBUTION.md' (469 Bytes), 'LICENSE' (35.1 kB), and 'README.md' (885 Bytes).

10. Teremos também o correspondente DOI [http://doi.org/10.5281/zenodo.3524171](https://doi.org/10.5281/zenodo.3524171)