

Skills 4 eosC

- Skills for the European
- Open Science
- Commons

Publishing Preparations

WP2 T3

Supporting

eosc



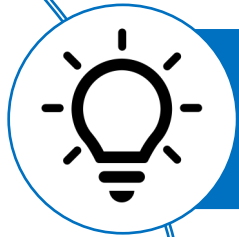
Co-funded by
the European Union



UK Research
and Innovation



Learning Objectives



Recognize accompanying files required in the Git repository



Describe relevant software tools for creating and validating accompanying files



Develop accompanying files for repositories hosting FAIR-by-Design learning materials

Agenda



Accompanying Files in a Nutshell



Image by [Christiane](#) from [Pixabay](#)

- Files which are present in the Git repository
- Can either be free text or follow a strict schema
 - README.md vs. CITATION.cff
- Readable by either humans or machines (or both!)
- Contain metadata information
- Special presentation on GitHub

Hello, my name is...

CITATION.cff

- Citation information
- Machine readable, controlled vocabularies
- Renders citation information on GitHub

README.md

- Free text
- Description of the repository, shown on the homepage

CODE_OF_CONDUCT.md

- Standard for community engagement
- Conflict resolution guidelines
- Rendered on GitHub

Last Minute Preparations

- Latest changes pulled from GitHub
- The Obsidian workspace is ready
- Templates for all three files (CITATION.cff, README.md, CODE_OF_CONDUCT.md) already present in the repository



Image by [e_stamm](#) from [Pixabay](#)

CITATION.cff

- Prompt for opening in an external editor
- YAML format
 - Consistent indentation is of utmost importance



CITATION.cff – Fields

authors

- list of authors

title

- title of the training

abstract

- short abstract describing the learning materials

license (!)

- license under which the material is made available

license-url (!)

- a URL pointing to the license set in the License field

keywords

- a list of keywords describing the training

repository

- URL to the GitHub repository hosting the materials


CITATION.cff – Checking Validity


- Other fields in the CITATION.cff should not be edited manually
 - Handled by the automatic publishing workflow
 - More details in the next presentation
- Tool to verify the controlled vocabularies and overall syntax
 - <https://citation-file-format.github.io/cff-initializer-javascript/#/update>


CITATION.cff – Validation Example


Paste your existing CFF

```
cff-version: 1.2.0
message: "If you use these learning materials, please cite it as below."
authors:
  - family-names: Surname
    given-names: First_Name
    orcid: https://orcid.org/1234-5678-9101-1121
    affiliation: Organization
  - family-names: Doe
    given-names: John
    orcid: https://orcid.org/1234-5678-9101-1121
    affiliation: ACME
title: "Training Name"
abstract: "Training description"
version: 1.0.0
doi: 10.5070/zenodo.123
date-released: 2023-10-17
license: CC-BY-4.0
license-url: "https://creativecommons.org/licenses/by/4.0/legalcode.txt"
keywords:
  - "thefirstkeyword"
  - "thesecondkeyword"
  - "a third keyword"
repository: "https://github.com/citation-file-format/my-research-software"
```

 PARSE


 Property 'doi' was not identified as a basic field, so it was pa


 Property 'license-url' was not identified as a basic field, so it

 Parsed CFF successfully.

Paste your existing CFF

```
cff-version: 1.2.0
message: "If you use these learning materials, please cite it as below."
authors:
  - family-names: Surname
    given-names: First_Name
    orcid: https://orcid.org/1234-5678-9101-1121
    affiliation: Organization
  - family-names: Doe
    given-names: John
    orcid: https://orcid.org/1234-5678-9101-1121
    affiliation: ACME
title: "Training Name"
abstract: "Training description"
version: 1.0.0
doi: 10.5070/zenodo.123
date-released: 2023-10-17
license: CC-BY-4.0
license-url: "https://creativecommons.org/licenses/by/4.0/legalcode.txt"
keywords:
  - "thefirstkeyword"
  - "thesecondkeyword"
  - "a third keyword"
repository: "https://github.com/citation-file-format/my-research-software"
```

 PARSE START EDITING

 Error: could not parse CFF because of the following YAML error: bad indentation of a mapping entry at line 10, column 10: orcid: https://orcid.org/1234-5678-91 ... ^

README.md

- Standard Markdown, editable with Obsidian
- Free text, without strict structure requirements
- Ensure presence of:
 - Skills4EOSC header image
 - Optional reference to the template repository



CODE_OF_CONDUCT.md

- Generic text
- Templates available online
 - The FAIR-by-Design templates repository also includes one
- In most cases a single change is required: contact email

Contributor Covenant Code of Conduct

Our Pledge

We as members, contributors, and leaders pledge to make participation in our community a harassment-free experience for everyone, regardless of age, body size, visible or invisible disability, ethnicity, sex characteristics, gender identity and expression, level of experience, education, socio-economic status, nationality, personal appearance, race, religion, or sexual identity and orientation.

We pledge to act and interact in ways that contribute to an open, welcoming, diverse, inclusive, and healthy community.

Our Standards

Examples of behavior that contributes to a positive environment for our community include:

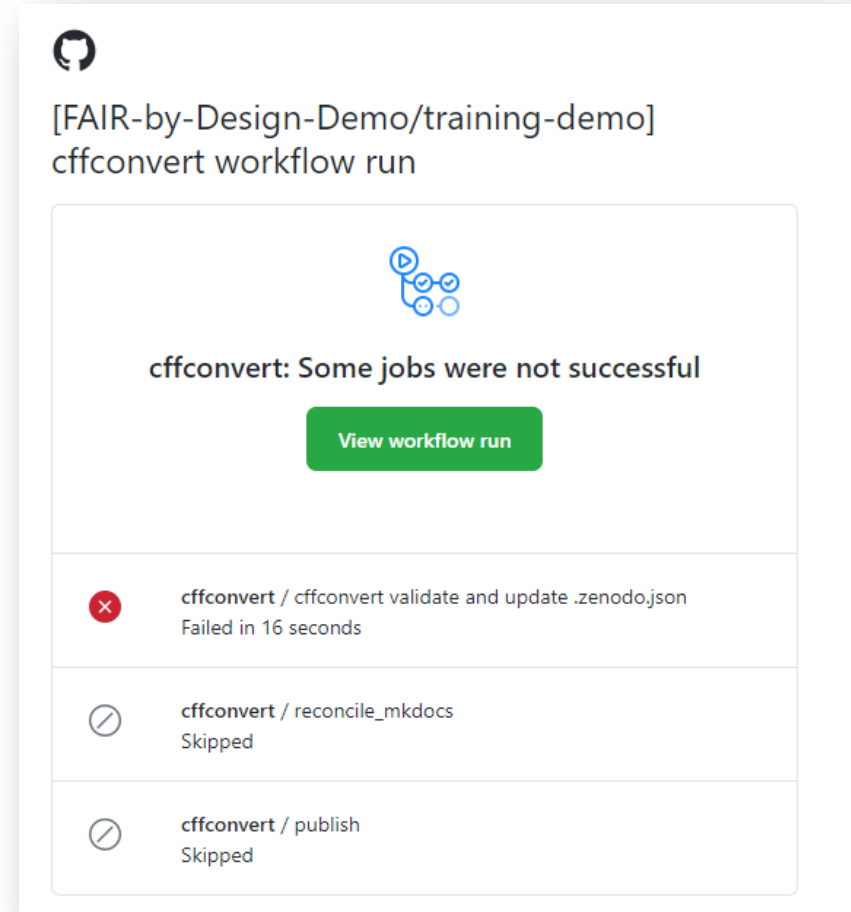
- Demonstrating empathy and kindness toward other people
- Being respectful of differing opinions, viewpoints, and experiences
- Giving and gracefully accepting constructive feedback
- Accepting responsibility and apologizing to those affected by our mistakes, and learning from the experience
- Focusing on what is best not just for us as individuals, but for the overall community

Examples of unacceptable behavior include:

- The use of sexualized language or imagery, and sexual attention or advances of any kind
- Trolling, insulting or derogatory comments, and personal or political attacks
- Public or private harassment

Committing Changes

- Any changes to CITATION.cff start an automated workflow
 - Validate syntax and controlled vocabularies
 - Publish updated information in the Git book
- Validation errors interrupt the workflow, and a notification email is sent to the owner of the repository



The screenshot shows a GitHub Actions workflow run for the repository [FAIR-by-Design-Demo/training-demo] with the workflow name cffconvert workflow run. The workflow status is 'Some jobs were not successful', indicated by a blue icon with a play button and a checkmark. A green button labeled 'View workflow run' is present. Below this, a table lists the jobs:

Job Name	Status
cffconvert / cffconvert validate and update .zenodo.json	Failed in 16 seconds
cffconvert / reconcile_mkdocs	Skipped
cffconvert / publish	Skipped

Publishing Preparation in Practice

Fill out the CITATION.cff, README.md, and CODE_OF_CONDUCT.md files in your forked repositories according to the instructions. Commit the changes and validate them by visiting your Git book website.

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Supporting



Skills4EOSC has received funding from the European Union's Horizon Europe Research and Innovation Programme under Grant Agreement No. 101058527 and from UK Research and Innovation (UKRI) under the UK Government's Horizon Europe funding guarantee, Grant No. 10040140

Thank you! Any questions before we continue?

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Cite instructions on:

<https://doi.org/10.5281/zenodo.10014781>



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