

The Citation File Format and its integrations


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[SciCodes](#) meeting 2021-08-19, online

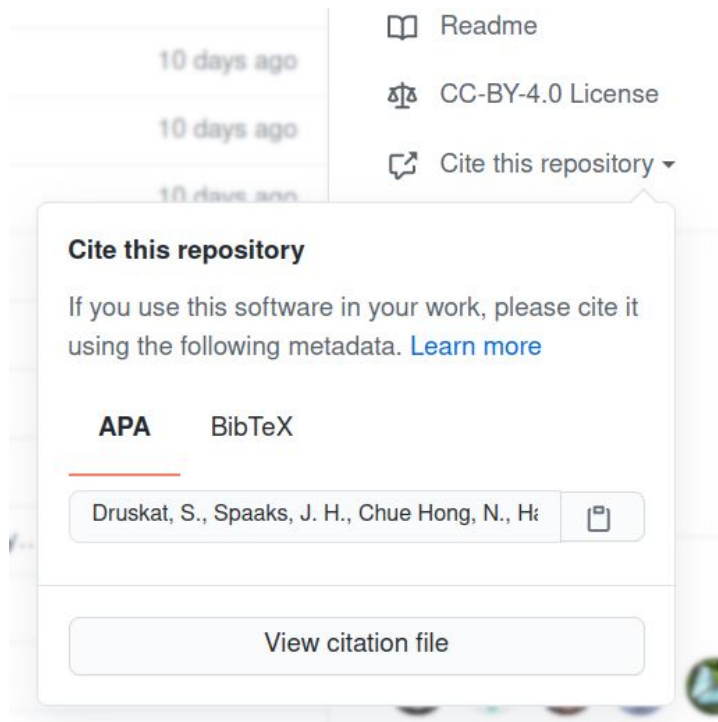


The Citation File Format (CFF) - Overview

- Community format for providing software citation metadata in `CITATION.cff` ([YAML](#))
- Focus on (advanced) citation use cases and usability
- Actively developed
- Used, e.g., in the [Research Software Directory](#) CMS
-  Integrated with GitHub, Zenodo, Zotero
- Compatible with CodeMeta (conversion tools available)

```
cff-version: 1.2.0
message: If you use this software, please cite it using these metadata.
title: My Research Software
abstract: This is my awesome research software. It does many things.
authors:
  - family-names: Druskat
    given-names: Stephan
    orcid: "https://orcid.org/0000-0003-4925-7248"
version: 0.11.2
date-released: "2021-07-18"
identifiers:
  - description: This is the collection of archived snapshots of all versions of My Research Software
    type: doi
    value: "10.5281/zenodo.123456"
  - description: This is the archived snapshot of version 0.11.2 of My Research Software
    type: doi
    value: "10.5281/zenodo.123457"
license: Apache-2.0
repository-code: "https://github.com/citation-file-format/my-research-software"
```

Citation File Format integration in GitHub



10 days ago

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Readme


CC-BY-4.0 License

Cite this repository ▾

Cite this repository

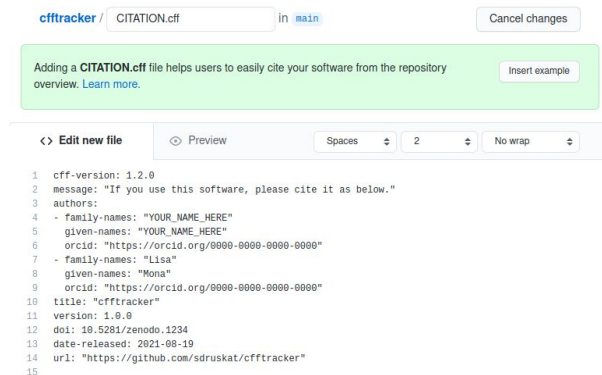
If you use this software in your work, please cite it using the following metadata. [Learn more](#)

APA BibTeX

Druskat, S., Spaaks, J. H., Chue Hong, N., H: 

[View citation file](#)

- Detect `CITATION.cff` files
- Render information (BibTeX, citation styles)
 - Based on currently viewed commit
 - Uses [ruby-cff](#) Gem
- Link to `CITATION.cff` file
- [Documentation](#) and template



cfftracker / CITATION.cff in main Cancel changes

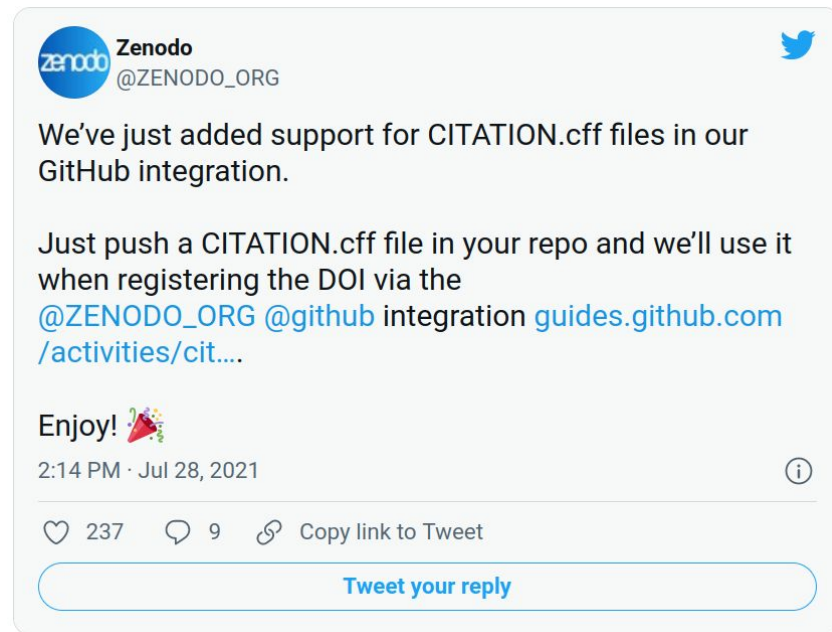
Adding a `CITATION.cff` file helps users to easily cite your software from the repository overview. [Learn more](#) Insert example

< Edit new file Preview Spaces 2 No wrap

```
1 cff-version: 1.2.0
2 message: "If you use this software, please cite it as below."
3 authors:
4 - family-names: "YOUR_NAME_HERE"
5   given-names: "YOUR_NAME_HERE"
6   orcid: "https://orcid.org/0000-0000-0000-0000"
7 - family-names: "Lisa"
8   given-names: "Mona"
9   orcid: "https://orcid.org/0000-0000-0000-0000"
10 title: "cfftracker"
11 version: 1.0.0
12 doi: 10.5281/zenodo.1234
13 date-released: 2021-08-19
14 url: "https://github.com/sdruskat/cfftracker"
15
```

Citation File Format integration in Zenodo

- Uses citation information in `CITATION.cff` via GitHub-Zenodo integration
- No conversion to `.zenodo.json` needed for basic use ...
 - ... unless user supplies advanced (e.g. contributors) information (coming in future CFF version)



Citation File Format integration in Zotero

Info Notes Tags Related

Citation Key: **druskatHexatomic2021**

Item Type Software

Title Hexatomic

▼ Programmer Druskat, Stephan

▼ Programmer Krause, Thomas

(...) Abstract Hexatomic is an extensible software for deep multi-layer annotation of linguistic corpora

Series Title

Version 0.6.0-SNAPSHOT

Date 2021-03

System

Place

Company

Prog. Language Java

ISBN

Short Title

URL <https://github.com/hexatomic/hexatomic>

Rights Apache-2.0

Archive

Loc. in Archive

Library Catalog GitHub

Call Number

Accessed 8/19/2021, 3:00:24 PM

Extra original-date: 2018-08-27T09:58:58Z

Date Added 8/19/2021, 3:00:24 PM

Modified 8/19/2021, 3:00:24 PM

- Zotero connectors pick up the information in `CITATION.cff`

 **Zotero** @zotero 

We've added support for GitHub's new citation feature. When saving GitHub repos to your library, Zotero can now use the enhanced metadata provided by developers.

If there's no citation file, Zotero will continue to use the existing repo metadata (Company, Prog. Language, etc.).

12:43 AM · Jul 29, 2021 

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Citation File Format - Conclusion & outlook

- “One giant leap for the Citation File Format, one small step for software citation.” 🚀
 - (~300 files before GitHub integration, 1,400+ today)
- Open development continues
- Governance will be more formally established

- <https://citation-file-format.github.io>
<https://github.com/citation-file-format/citation-file-format/stephan.druskat@dlr.de>
T: [@stdruskat](https://twitter.com/stdruskat)

