

How To Cite CorText Manager

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February 1, 2022

Abstract

Short introduction to subject of the paper . . .

1 Introduction

Software desempenha um pilar fundamental para a ciencia moderna em todos os campos de pesquisa, entretanto ainda ha carencia de uma maior adocao de praticas para citar e tornar software um produto de primeira classe na ciencia, o reconhecimento do software como objeto legitimo no campo academico eh importante para incentivar pesquisadores e organizacoes construindo software para a pesquisa bem como para preservar o conhecimento presente nestes projetos [1].

A comunidade scientifica vem debatendo propostas de como citar software apropriadamente e como dar visibilidade aos pesauisadores desenvolvedores e aos projetos em si, neste contexto tem surgido debates sobre FAIR (Findable, Accessible, Interoperable e Reusable) aplicado a software[6]., formatos de arquivos Citation File Format (CFF), o Citation File Format (CFF) eh um arquivo no formato YAML 1.2 legivel para humanos e maquinas que prove metadata para citacao de software [4], formatos JSON para interoperabilidade, O formato CodeMeta.json captura metadados de software, e eh entendido como um crescente numero de repositorio digital, eh tambem facil de converter este para muitos esquemas comuns de metadados usado por repostorios de software, the goal of CodeMeta is to create a concept vocabulary that can be used to standardize the exchange of software metadata across repositories and organizations (GitHub, figshare, Zenodo) [5].

Todo este debate tem sido delineado por alguns principios ao citar software sao resumidos em: Importancia, software deve ser considerado um produto pesquisa legitimo e citavel; Credito e atribuicao, citacao a software deve gerar credito e reconhecimento academico; Identificador unico, a citacao ao software deve incluir uma maneira unica de identificacao e interoperaval; Persistencia, persistente, o identificador unico e os metadados do software devem ser persistir; Acessibilidade, citacoes ao software devem facilitar acesso ao software

e ao seus metadados; Especificidade, citacao a software deve facilitar acesso e identificacao a versoes especificas do software [7]

Assim, este texto resume uma proposta de como citar o software CorText Manager apropriadamente em trabalhos academicos contribuindo para aumentar o reconhecimento tanto do software, quanto dos pesquisadores, desenvolvedores e demais colaboradores envolvidos na construçao e financiamento desta plataforma que tem sido constantemente desenvolvida ao longo de 10 anos. ...

2 CorText Manager metadata

The CorText Manager metadata for academic citation is being maintained in two files:

CITATION.cff Citation File Format (CFF) file with data about the software CorText Manager, this file is the main file to concentrate CorText Manager metadata.

biblatex-software.bib BibLatex file with extension for Software for CorText Manager, this file is a transcription of informations from the *CITATION.cff* file.

Besides those two main files there are also some others files important to be described as follows:

codemeta.json CodeMeta file generated from ‘CITATION.cff’ by the *cffconvert* tool, this file is machine-readable file in a interchangeable format.

bibtex.bib BibTex file generated from ‘CITATION.cff’ by the *cffconvert* tool, this file is useful for whom is writing paper with LaTeX and is using BibTex as referencing system.

3 Citing CorText with biblatex-software

Below you see the content of the *biblatex-software.bib*¹ in BibLaTeX format with software style extension[8].

```
@software{cortext_manager_v2,
  title = {CorText Manager},
  author = {Philippe Breucker and Juan-Pablo Ospina Delgado
    and Guillaume Orsal and Luis-Daniel Medina and Jean-Philippe Cointet},
  abstract = {Cortext Manager is a data analysis platform for citizens
    and researchers in the social sciences and humanities},
  date = {2020-12-01},
  month = {12},
  year = {2020},
```

¹ Available at <https://github.com/cortext/how-to-cite-cortext>

```

editor = {Marc Barbier and Lionel Villard},
institution = {Laboratoire Interdisciplinaire Sciences Innovations
  Sociétés (LISIS)},
version = {v2},
url = {https://www.cortext.net},
urldate = {2022-01-31},
hal_id = {hal-02090402},
hal_version = {v1},
}

```

When using this file you can see the result of reference format citing CorText Manager [2] on the references section of this document.

4 Citing CorText with bibtex

Below you see the content of the *bibtex.bib*² in BibTeX format, this file is created from *CITATION.cff*³ converted by the *cffconvert* tool.

```

@misc{cortext_manager_v2_bibtex,
  author = {Breucker, Philippe and Ospina Delgado, Juan-Pablo and Orsal,
    Guillaume and Medina, Luis-Daniel and Cointet, Jean-Philippe},
  month = {12},
  title = {CorText Manager},
  url = {https://managerv2.cortext.net},
  year = {2020}
}

```

When using this file you can see the result of reference format citing CorText Manager [3] on the references section of this document.

References

- [1] Pierre Alliez et al. “Attributing and Referencing (Research) Software: Best Practices and Outlook From Inria”. In: *Computing in Science Engineering* 22.1 (Jan. 2020). Conference Name: Computing in Science Engineering, pp. 39–52. ISSN: 1558-366X. DOI: 10.1109/MCSE.2019.2949413.
- [2] [SW] Philippe Breucker et al., *CorText Manager* version v2 (Coord.by Marc Barbier and Lionel Villard), Dec. 1, 2020. Laboratoire Interdisciplinaire Sciences Innovations Sociétés (LISIS). HAL: {hal-02090402v1}, URL: <https://www.cortext.net>(visited on 01/31/2022).
- [3] Philippe Breucker et al. *CorText Manager*. Dec. 2020. URL: <https://managerv2.cortext.net>.

²Available at <https://github.com/cortext/how-to-cite-cortext>

³Available at <https://github.com/cortext/how-to-cite-cortext>

- [4] Neil P. Chue Hong et al. *Software Citation Checklist for Developers*. eng. Tech. rep. Zenodo, Oct. 2019. DOI: [10.5281/zenodo.3482769](https://doi.org/10.5281/zenodo.3482769). URL: <https://zenodo.org/record/3482769> (visited on 08/31/2021).
- [5] Stephan Druskat et al. “Citation File Format (CFF) - Specifications”. eng. In: (Nov. 2019). Publisher: Zenodo. DOI: [10.5281/zenodo.3515946](https://doi.org/10.5281/zenodo.3515946). URL: <https://zenodo.org/record/3515946> (visited on 08/31/2021).
- [6] *FAIR Research Software*. URL: <https://fair-software.nl/home> (visited on 08/31/2021).
- [7] Arfon M. Smith, Daniel S. Katz, and Kyle E. Niemeyer. “Software citation principles”. en. In: *PeerJ Computer Science* 2 (Sept. 2016). Publisher: PeerJ Inc., e86. ISSN: 2376-5992. DOI: [10.7717/peerj-cs.86](https://doi.org/10.7717/peerj-cs.86). URL: <https://peerj.com/articles/cs-86> (visited on 08/31/2021).
- [8] softwareheritage.org. *Citing software with style*. en-US. May 2020. URL: <https://www.softwareheritage.org/2020/05/26/citing-software-with-style/> (visited on 08/31/2021).