Package 'citation'

June 30, 2020

Type Package

Title Software Citation Tools

Version 0.4.1

Date 2020-06-26

Description A collection of functions to extract citation information from 'R' packages and to deal with files in 'citation file format' (<https://citation-file-format.github.io/>), extending the functionality already provided by the citation() function in the 'utils' package.

Imports utils, yaml, jsonlite, desc

URL <https://github.com/pik-piam/citation>,
<https://doi.org/10.5281/zenodo.3813429>

BugReports <https://github.com/pik-piam/citation/issues>

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Encoding UTF-8

LazyData yes

RoxygenNote 7.1.0

NeedsCompilation no

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Repository CRAN

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R topics documented:

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cff2bibentry *cff2bibentry*

Description

Converter citation file format to bibentry

Usage

```
cff2bibentry(x)
```

Arguments

x   path to citation file or read in citation in citation file format

Author(s)

Jan Philipp Dietrich

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cff2zenodo *cff2zenodo*

Description

Converter citation file format to .zenodo.json metadata file for proper metadata input to Zenodo.

Usage

```
cff2zenodo(x)
```

Arguments

x   path to citation file or read in citation in citation file format

Author(s)

Jan Philipp Dietrich

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citation2zenodo *citation2zenodo*

Description

Converts an object of class citation into a .zenodo.json file. This file is an (officially unsupported) method to provide ZENODO with metadata information about the package and will overwrite the information ZENODO would otherwise auto-generate from the repository.

Usage

```
citation2zenodo(cit, folder = NULL)
```

Arguments

cit	an object of class citation as returned for instance by the function [citation](), or the name of a R package to be used as source.
folder	a folder the file should be written to. If NULL the content is instead printed.

Author(s)

Jan Philipp Dietrich

Examples

```
cit <- citation_doi("citation")
citation2zenodo(cit)
```

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citation_doi *citation_doi*

Description

Extension of the standard citation function which also extracts DOI information from the URL field in the DESCRIPTION file, if available.

Usage

```
citation_doi(package)
```

Arguments

package	a character string with the name of a single package.

Author(s)

Jan Philipp Dietrich

Examples

```
citation_doi("citation")
```

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package2zenodo	*package2zenodo*

Description

Creates a .zenodo.json for a R package. This file is an (officially unsupported) method to provide ZENODO with metadata information about the package and will overwrite the information ZEN-ODO would otherwise auto-generate from the repository.

Usage

```
package2zenodo(package = ".")
```

Arguments

package   either the path to the main folder of a package (containing a DESCRIPTION file) or the name of the package

Author(s)

Jan Philipp Dietrich

Examples

```
package2zenodo("citation")
```

read_cff	*read_cff*

Description

Read a citation file format file (https://citation-file-format.github.io/)

Usage

```
read_cff(file)
```

Arguments

file	path to the citation file

Author(s)

Jan Philipp Dietrich

Index