

Package ‘codemeta’

July 22, 2025

Type Package

Title A Smaller 'codemeta' Package

Version 0.1.1

Description The 'Codemeta' Project defines a 'JSON-LD' format for describing software metadata, as detailed at <https://codemeta.github.io>. This package provides core utilities to generate this metadata with a minimum of dependencies.

License GPL-3

URL <https://github.com/cboettig/codemeta>

BugReports <https://github.com/cboettig/codemeta/issues>

Depends R (>= 3.0.0)

Imports desc, jsonlite (>= 1.6), methods, utils

Suggests covr, knitr, rmarkdown, testthat (>= 3.0.0)

Encoding UTF-8

RoxygenNote 7.1.2

X-schema.org-isPartOf <https://ropensci.org>

X-schema.org-keywords metadata, codemeta, ropensci, citation, credit, linked-data

Config/testthat/edition 3

NeedsCompilation no

Author Carl Boettiger [aut, cre, cph] (ORCID: <https://orcid.org/0000-0002-1642-628X>),
Maëlle Salmon [ctb, aut] (ORCID: <https://orcid.org/0000-0002-2815-0399>),
Katrin Leinweber [ctb] (ORCID: <https://orcid.org/0000-0001-5135-5758>),
Noam Ross [ctb] (ORCID: <https://orcid.org/0000-0002-2136-0000>),
Arfon Smith [ctb],
Jeroen Ooms [ctb] (ORCID: <https://orcid.org/0000-0002-4035-0289>),
Sebastian Meyer [ctb] (ORCID: <https://orcid.org/0000-0002-1791-9449>),
Michael Rustler [ctb] (ORCID: <https://orcid.org/0000-0003-0647-7726>),

Hauke Sonnenberg [ctb] (ORCID: <<https://orcid.org/0000-0001-9134-2871>>),
 Sebastian Kreuzer [ctb] (ORCID:
 <<https://orcid.org/0000-0002-0734-2199>>),
 rOpenSci [fnd] (<https://ropensci.org/>)

Maintainer Carl Boettiger <cboettig@gmail.com>

Repository CRAN

Date/Publication 2021-12-22 00:50:02 UTC

Contents

write_codemeta	2
Index	4

write_codemeta	<i>write_codemeta</i>
----------------	-----------------------

Description

write_codemeta

Usage

```
write_codemeta(  
  path = ".",  
  id = NULL,  
  file = "codemeta.json",  
  verbose = getOption("verbose", FALSE)  
)
```

Arguments

path	path to the package root
id	identifier for the package (e.g. a DOI, as URL)
file	output file location, should be called codemeta.json.
verbose	Whether to print messages indicating the progress of internet downloads.

Value

a codemeta list object (invisibly) and write out the codemeta.json file

Examples

```
# 'path' and 'out' here are for illustrative use only.  
# typical use in a package is simply `write_codemeta()` with no arguments  
  
path <- system.file("", package="codemeta")  
out <- tempfile(fileext=".json")  
write_codemeta(path, file = out)
```

Index

`write_codemeta`, [2](#)