Package: jsonld (via r-universe)

October 29, 2026

Type Package

Title JSON for Linking Data

Version 2.2.1

Description JSON-LD <https://www.w3.org/TR/json-ld/> is a light-weight syntax for expressing linked data. It is primarily intended for web-based programming environments, interoperable web services and for storing linked data in JSON-based databases. This package provides bindings to the JavaScript library for converting, expanding and compacting JSON-LD documents.

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URL https://docs.ropensci.org/jsonld/, https://ropensci.r-universe.dev/jsonld

BugReports https://github.com/ropensci/jsonld/issues

Imports V8, jsonlite, curl (>= 2.7)

RoxygenNote 5.0.1.9000

Roxygen list(markdown = TRUE)

Suggests spelling

Language en-US

Config/pak/sysreqs libssl-dev libnode-dev

Repository https://ropensci.r-universe.dev

Date/Publication 2024-10-03 12:53:07 UTC

RemoteUrl https://github.com/ropensci/jsonld

RemoteRef HEAD

RemoteSha a7bbe51accac999fab186624104f9969747a25f8

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jsonld *Working with JSON-LD*

Description

Wrappers for converting, expanding and compacting JSON-LD documents. All parameters and return values must be JSON strings. Use jsonlite::toJSON and jsonlite::fromJSON to convert between R objects and JSON format. The readme has basic examples.

Usage

```
jsonld_compact(doc, context, options = NULL)

jsonld_expand(compacted, options = NULL)

jsonld_flatten(doc, context = NULL, options = NULL)

jsonld_frame(doc, frame, options = NULL)

jsonld_from_rdf(rdf, options = list(format = "application/nquads"))

jsonld_to_rdf(doc, options = list(format = "application/nquads"))

jsonld_normalize(doc, options = list(algorithm = "URDNA2015", format =
  "application/nquads"))
```

Arguments

doc	a URL or literal string with JSON-LD document
context	a URL or literal string with JSON-LD context
options	named list with advanced options
compacted	a URL or literal string with JSON message
frame	a URL or literal string with JSON-LD frame
rdf	string with RDF text

Examples

```
# Example from https://github.com/digitalbazaar/jsonld.js#quick-examples
doc <- '{
  "http://schema.org/name": "Manu Sporny",
  "http://schema.org/url": {"@id": "http://manu.sporny.org/"},
  "http://schema.org/image": {"@id": "http://manu.sporny.org/images/manu.png"}
}'

context <- '{
  "name": "http://schema.org/name",
```

```
  "homepage": {"@id": "http://schema.org/url", "@type": "@id"},
  "image": {"@id": "http://schema.org/image", "@type": "@id"}
}'

# Compact and expand:
(out <- jsonld_compact(doc, context))
(expanded <- jsonld_expand(out))

# Convert between JSON and RDF:
cat(nquads <- jsonld_to_rdf(doc))
jsonld_from_rdf(nquads)

# Other utilities:
jsonld_flatten(doc)
cat(jsonld_normalize(doc))
```

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