

Package ‘validatejsonr’

October 20, 2016

Type Package

Title Validate JSON Against JSON Schemas

Version 1.0.4

Date 2016-10-18

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Description The current implementation uses the C++ library 'RapidJSON' to supply the schema functionality, it supports JSON Schema Draft v4. As of 2016-09-09, 'RapidJSON' passed 262 out of 263 tests in JSON Schema Test Suite (JSON Schema draft 4).

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Imports Rcpp (>= 0.12.6)

LinkingTo Rcpp

RoxygenNote 5.0.1

SystemRequirements GNU make

Suggests knitr, rmarkdown, testthat

VignetteBuilder knitr

NeedsCompilation yes

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Repository CRAN

Date/Publication 2016-10-20 01:56:50

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```
validate_jsonfile_with_schema
```

Validate a JSON file against a JSON Schema string

Description

Description

Usage

```
validate_jsonfile_with_schema(jsonfn, schema_string)
```

Arguments

jsonfn	The JSON file
schema_string	The JSON Schema string This function will check that the supplied schema is not empty and it will then validate that the JSON file is accessible and valid (and well formed) w.r.t the supplied schema file.

Examples

```
## Not run:
json_code <- "{\"category\": \"book\", \"price\": 25, \"title\": \"abrakadabra\"}"
validate_json_with_schemafn(json_code, "data/schema.json")

## End(Not run)
```

```
validate_jsonfile_with_schemafn
```

Validate a JSON file against a JSON Schema file

Description

Description

Usage

```
validate_jsonfile_with_schemafn(jsonfn, schemafn)
```

Arguments

jsonfn	The JSON file
schemafn	The JSON Schema file This function will check that the supplied files are not empty and are accessible and it will then validate that the JSON file is valid (and well formed) against the supplied schema file. Currently only version 4 of the JSON schema is supported.

Examples

```
## Not run:  
validate_jsonfile_with_schemafile("data/item-3.json", "data/schema.json")  
  
## End(Not run)
```

validate_json_with_schema

Validate a JSON string against a JSON Schema string

Description

Description

Usage

```
validate_json_with_schema(json_string, schema_string)
```

Arguments

json_string	The JSON code
schema_string	The JSON Schema string This function will check that the supplied schema is not empty and it will then validate that the JSON code is valid (and well formed) w.r.t the supplied schema.

validate_json_with_schemafile

Validate a JSON string against a JSON Schema file

Description

Description

Usage

```
validate_json_with_schemafile(json_string, schemafn)
```

Arguments

json_string	The JSON code
schemafn	The JSON Schema file This function will check that the supplied schema file is not empty and is accessible and it will then validate that the JSON code is valid (and well formed) against the supplied schema file.

Examples

```
## Not run:  
json_code <- "{\"category\": \"book\", \"price\": 25, \"title\": \"abrakadabra\"}"  
validate_json_with_schemafile(json_code, "data/schema.json")  
  
## End(Not run)
```

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