

Package ‘swagger’

October 2, 2020

Type Package

Title Dynamically Generates Documentation from a 'Swagger' Compliant API

Version 3.33.1

Suggests jsonlite, plumber, testthat

Description A collection of 'HTML', 'JavaScript', and 'CSS' assets that dynamically generate beautiful documentation from a 'Swagger' compliant API: <<https://swagger.io/specification/>>.

License Apache License 2.0 | file LICENSE

Encoding UTF-8

LazyData true

URL <https://github.com/rstudio/swagger>

BugReports <https://github.com/rstudio/swagger/issues>

RoxygenNote 7.1.1

NeedsCompilation no

Author Barret Schloerke [cre, aut],
Javier Luraschi [aut],
RStudio [cph],
SmartBear Software [aut, cph]

Maintainer Barret Schloerke <barret@rstudio.com>

Repository CRAN

Date/Publication 2020-10-02 21:10:02 UTC

R topics documented:

swagger-package	2
swagger_index	2
swagger_path	3
swagger_spec	4

Index	5
--------------	----------

swagger-package *swagger: Dynamically Generates Documentation from a Swagger-Compliant API*

Description

Swagger is a collection of HTML, JavaScript, and CSS assets that dynamically generate beautiful documentation from a Swagger-compliant API.

Details

The main purpose of this package is to enable package authors to create APIs that are compatible with <https://swagger.io/> and <https://www.openapis.org/>.

To learn more about Swagger visit: <https://swagger.io/swagger-ui/>

Author(s)

Maintainer: Barret Schloerke <barret@rstudio.com>

Authors:

- Javier Luraschi <javier@rstudio.com>
- SmartBear Software [copyright holder]

Other contributors:

- RStudio [copyright holder]

See Also

Useful links:

- <https://github.com/rstudio/swagger>
 - Report bugs at <https://github.com/rstudio/swagger/issues>
-

swagger_index *Path to Swagger Index*

Description

Retrieves the path to the swagger index file.

Usage

```
swagger_index(version = "3")
```

Arguments

version Major version number to be used for Swagger UI. Currently version "3" is compatible with OpenAPI spec 2.0, 3.0.

Examples

```
if (interactive()) {  
  browseURL(swagger_index())  
} else {  
  print(paste("You can use swagger under: ", swagger_index()))  
}
```

swagger_path	<i>Path to Swagger Resources</i>
--------------	----------------------------------

Description

Retrieves the path to swagger resources.

Usage

```
swagger_path(version = "3")
```

Arguments

version Major version number to be used for Swagger UI. Currently version "3" is compatible with OpenAPI spec 2.0, 3.0.

Examples

```
if (interactive()) {  
  browseURL(swagger_path())  
} else {  
  print(paste("You can explore swagger resources under: ", swagger_path()))  
}
```

`swagger_spec`*Swagger Index File with OpenAPI Path*

Description

Produces the content for a `index.html` file that will attempt to access a provided API path.

Usage

```
swagger_spec(  
  api_path = "\"http://petstore.swagger.io/v2/swagger.json\"",  
  version = "3"  
)
```

Arguments

<code>api_path</code>	Path to paste into the an OpenAPI specification file
<code>version</code>	Major version number to be used for Swagger UI. Currently version "3" is compatible with OpenAPI spec 2.0, 3.0.

Value

large string containing the contents of `swagger_index()` with the appropriate specification path changed to the `api_path` value.

Examples

```
if (interactive()) {  
  swagger_spec("https://developer.uspto.gov/ibd-api/swagger.json")  
}
```

Index

swagger (swagger-package), [2](#)
swagger-package, [2](#)
swagger_index, [2](#), [4](#)
swagger_path, [3](#)
swagger_spec, [4](#)