Package 'swagger'

June 28, 2024

Type Package

Title Dynamically Generates Documentation from a 'Swagger' Compliant
API

Version 5.17.14.1

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/>.

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Encoding UTF-8

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

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

RoxygenNote 7.3.1

NeedsCompilation no

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Repository CRAN

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Contents

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/

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- RStudio [copyright holder]

See Also

Useful links:

- https://rstudio.github.io/swagger/

- https://github.com/rstudio/swagger

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

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swagger_index   *Path to Swagger Index*

Description

Retrieves the path to the swagger index file.

Usage

```
swagger_index(version = "5")
```

Arguments

version   Major version number to be used for Swagger UI. Currently version "3" is com-
                patible 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   *Path to Swagger Resources*

Description

Retrieves the path to swagger resources.

Usage

```
swagger_path(version = "5")
```

Arguments

version   Major version number to be used for Swagger UI. Currently version "3" is com-
                patible 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 = "5"
)
```

Arguments

`api_path`	Path to paste into the an OpenAPI specification file
`version`	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")
}
```

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