

# Package ‘swagger’

October 14, 2022

**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

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**Repository** CRAN

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

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### 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)

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### See Also

Useful links:

- <https://github.com/rstudio/swagger>
  - Report bugs at <https://github.com/rstudio/swagger/issues>
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swagger\_index      *Path to Swagger Index*

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### 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()))  
}
```

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swagger_path	<i>Path to Swagger Resources</i>
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**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()))  
}
```

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`swagger_spec`*Swagger Index File with OpenAPI Path*

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**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")  
}
```

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