

# Package ‘swagger’

June 12, 2024

**Type** Package

**Title** Dynamically Generates Documentation from a 'Swagger' Compliant API

**Version** 5.17.14

**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/>](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

**Author** Barret Schloerke [aut] (<https://orcid.org/0000-0001-9986-114X>),  
Javier Luraschi [aut],  
Bruno Tremblay [cre, ctb],  
RStudio [cph],  
SmartBear Software [aut, cph]

**Maintainer** Bruno Tremblay <[cran@neoxone.com](mailto:cran@neoxone.com)>

**Repository** CRAN

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swagger-package	<i>swagger: Dynamically Generates Documentation from a Swagger-Compliant API</i>
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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)

**Maintainer:** Bruno Tremblay <cran@neoxone.com> [contributor]

Authors:

- Barret Schloerke <barret@rstudio.com> ([ORCID](#))
- Javier Luraschi <javier@rstudio.com>
- SmartBear Software [copyright holder]

Other contributors:

- 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	<i>Path to Swagger Index</i>
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**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 compatible with OpenAPI spec 2.0, 3.0.
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**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 = "5")
```

**Arguments**

version	Major version number to be used for Swagger UI. Currently version "3" is compatible with OpenAPI spec 2.0, 3.0.
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**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 = "5"  
)
```

**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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