

# Package ‘faviconPlease’

October 13, 2022

**Title** Find the URL to the 'Favicon' for a Website

**Version** 0.1.2

**Description** Finds the URL to the 'favicon' for a website. This is useful if you want to display the 'favicon' in an HTML document or web application, especially if the website is behind a firewall.

**URL** <https://github.com/jdblischak/faviconPlease>

**BugReports** <https://github.com/jdblischak/faviconPlease/issues>

**Imports** utils, xml2

**Suggests** httr, tinytest (>= 1.0.0), ttdo

**License** MIT + file LICENSE

**Encoding** UTF-8

**RoxygenNote** 7.1.2

**NeedsCompilation** no

**Author** John Blischak [aut, cre]

**Maintainer** John Blischak <jdblischak@gmail.com>

**Repository** CRAN

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faviconDuckDuckGo      *Use DuckDuckGo's favicon service*

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**Description**

The search engine [DuckDuckGo](#) includes site favicons in its search results, and it makes this service publicly available. If it can't find a favicon, it returns a default fallback. `faviconPlease` uses this as a fallback function if the favicon can't be found directly via the standard methods.

**Usage**

```
faviconDuckDuckGo(server)
```

**Arguments**

server      The name of the server, e.g. "www.r-project.org"

**Value**

Character vector

**References**

[DuckDuckGo favicons privacy](#)

**See Also**

[faviconPlease](#), [faviconGoogle](#)

**Examples**

```
faviconDuckDuckGo("reactome.org")
```

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faviconGoogle      *Use Google's favicon service*

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**Description**

Use Google's favicon service

**Usage**

```
faviconGoogle(server)
```

**Arguments**

server            The name of the server, e.g. "www.r-project.org"

**Value**

Character vector

**See Also**

[faviconPlease](#), [faviconDuckDuckGo](#)

**Examples**

```
faviconGoogle("reactome.org")
```

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faviconIco	<i>Check for the existence of favicon.ico</i>
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**Description**

Check for the existence of favicon.ico

**Usage**

```
faviconIco(
  scheme,
  server,
  path,
  method = getOption("download.file.method", default = "auto"),
  extra = getOption("download.file.extra"),
  headers = NULL
)
```

**Arguments**

scheme            "http" or "https"

server            The name of the server, e.g. "www.r-project.org"

path              The path to a target file on the server (must start with a forward slash)

method            Method to be used for downloading files. Current download methods are "internal", "wininet" (Windows only) "libcurl", "wget" and "curl", and there is a value "auto": see 'Details' and 'Note'.  
The method can also be set through the option "download.file.method": see [options\(\)](#).

extra             character vector of additional command-line arguments for the "wget" and "curl" methods.

headers          named character vector of HTTP headers to use in HTTP requests. It is ignored for non-HTTP URLs. The User-Agent header, coming from the HTTPUserAgent option (see [options](#)) is used as the first header, automatically.

### Value

URL to favicon.ico or "".

### See Also

[faviconPlease](#), [faviconLink](#)

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faviconLink	<i>Search for a link element that specifies the location of the favicon</i>
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### Description

Search for a link element that specifies the location of the favicon

### Usage

```
faviconLink(scheme, server, path)
```

### Arguments

scheme	"http" or "https"
server	The name of the server, e.g. "www.r-project.org"
path	The path to a target file on the server (must start with a forward slash)

### Value

URL to favicon or "".

### See Also

[faviconPlease](#), [faviconIco](#)

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faviconPlease	<i>Find the URL to a website's favicon</i>
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**Description**

faviconPlease() first applies the favicon functions specified in the argument functions. If these do not find a favicon URL, then it applies the fallback function specified by the argument fallback.

**Usage**

```
faviconPlease(  
  links,  
  functions = list(faviconLink, faviconIco),  
  fallback = faviconDuckDuckGo  
)
```

**Arguments**

links	Character vector of URLs
functions	List of functions for finding URL to a website's favicon. They are tried in order until a URL is found. If no URL is found, the fallback is applied.
fallback	Either a function or a single character vector. It is applied when none of the supplied functions are able to find a favicon.

**Value**

Character vector with URLs to the favicons for the websites specified in the input argument links. The URLs are generated from one of the favicon functions specified in the input argument functions. If a favicon URL cannot be identified, then the returned URL is generated by the input argument fallback.

**See Also**

[faviconLink](#), [faviconIco](#), [faviconDuckDuckGo](#), [faviconGoogle](#)

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