

Package ‘rstudioapi’

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Title Safely access the RStudio API.

Description This package provides functions to make it easy to access the RStudio API when available, and provide informative error messages when not.

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callFun	<i>Call an Rstudio API function</i>
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Description

This function will return an error if Rstudio is not running, or the function is not available. If you want to fall back to different behaviour, use [hasFun](#).

Usage

```
callFun(fname, ...)
```

Arguments

fname	name of the Rstudio function to call. See <code>help(package = "Rstudio")</code> . For a complete list of functions in the current API.
...	Other arguments passed on to the function

Examples

```
if (rstudioapi::isAvailable()) {  
  rstudioapi::callFun("versionInfo")  
}
```

getVersion	<i>Return the current version of the RStudio api.</i>
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Description

Return the current version of the RStudio api.

Usage

```
getVersion()
```

Value

A `numeric_version` which you can compare to a string and get correct results.

Examples

```
## Not run:  
if (rstudio::getVersion() < "0.98.100") {  
  message("Your version of Rstudio is quite old")  
}  
  
## End(Not run)
```

hasFun	<i>Exists/get for Rstudio functions</i>
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Description

These are specialised versions of `get` and `exists` that look in the `rstudio` package namespace. If Rstudio is not running, `exists` will return `FALSE`, and `getRstudio` will raise an error.

Usage

```
hasFun(name, version_needed = NULL, ...)

findFun(name, version_needed = NULL, ...)
```

Arguments

<code>name</code>	name of object to look for
<code>...</code>	other arguments passed on to <code>exists</code> and <code>get</code>
<code>version_needed</code>	An optional version specification. If supplied, ensures that Rstudio is at least that version. This is useful if function behaviour has changed over time.

Examples

```
rstudioapi::hasFun("viewer")
```

<code>isAvailable</code>	<i>Check if RStudio is running.</i>
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Description

Check if RStudio is running.

Usage

```
isAvailable(version_needed = NULL)

verifyAvailable(version_needed = NULL)
```

Arguments

<code>version_needed</code>	An optional version specification. If supplied, ensures that Rstudio is at least that version.
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Value

`isAvailable` a boolean; `verifyAvailable` an error message if Rstudio is not running

Examples

```
rstudioapi::isAvailable()  
## Not run: rstudioapi::verifyAvailable()
```

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