

Package: rskey (via r-universe)

September 9, 2024

Title Create Custom 'Rstudio' Keyboard Shortcuts

Version 0.4.15

Date 2024-09-09

Description Create custom keyboard shortcuts to examine code selected in the 'Rstudio' editor. F3 can for example yield 'str(selection)' and F7 open the source code of CRAN and base package functions on 'github'.

Imports graphics, utils, rstudioapi (>= 0.5), berryFunctions (>= 1.17.21)

Suggests knitr, knitPres, pillar, codeoceanR

License GPL(>= 2)

Encoding UTF-8

RoxygenNote 7.3.2

BugReports <https://github.com/brry/rskey/issues>

Repository <https://brry.r-universe.dev>

RemoteUrl <https://github.com/brry/rskey>

RemoteRef HEAD

RemoteSha 4dc7bb24bdec89e3f11dafdac11e6264c3c470c1

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 addins

Rstudio keyboard shortcuts on F-keys

Description

Rstudio addins to examine highlighted code / object. It can be very useful to bind these addins as outlined in <https://github.com/brry/rskey#rstudio-addins-for-keyboard-shortcuts>

Usage

```
str_addin(
  obj = selectobject(),
  use_glimpse = getOption("rskey_glimpse", FALSE)
)
```

```
head_addin(obj = selectobject())
```

```
tail_addin(obj = selectobject())
```

```
View_addin(obj = selectobject())
```

```
funSource_addin(obj = selectobject(eval = FALSE))
```

```
summary_addin(obj = selectobject())
```

```
dim_addin(obj = selectobject())
```

```
class_addin(obj = selectobject())
```

```
plot_addin(obj = selectobject())
```

```
hist_addin(obj = selectobject())
```

```
unique_addin(obj = selectobject())
```

Arguments

obj List containing object (some R object) fullcode (code, objectname, expression) and code (potentially truncated version). For funSource_addin, only the function name should be highlighted. DEFAULT: Rstudio addin selected code from [selectobject](#)

use_glimpse Logical: use pillar::[glimpse](#) instead of base::[str](#)? Can be set to TRUE with options(rskey_glimpse=TRUE). To set permanently, use: cat("options(rskey_glimpse=TRUE file=~/.Rprofile", append=TRUE). DEFAULT: getOption("rskey_glimpse", FALSE)

Value

Output of the respective functions

Author(s)

Berry Boessenkool, <berry-b@gmx.de>, May 2017

See Also

[selectobject](#), [berryFunctions::funSource](#), <https://github.com/daattali/addinslist#readme>

Examples

```
# Go to Addins - browse Addins - Keyboard shortcuts - map commands as desired
# or use      setKeyboardBindings()

# highlight objects or code (examples below), then press keyboard shortcut
iris
iris$Sepal.Length + 10
```

bdoc

Create documentation for a function

Description

Create Roxygen documentation skeleton for a function

Usage

```
bdoc()
```

Value

invisible charstring, but mainly used for writing into the source file directly

Author(s)

Berry Boessenkool, <berry-b@gmx.de>, Apr 2019

See Also

[selectobject](#)

bknit2pdf	<i>pass Rnw document to knit2pdf</i>
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Description

pass the filename (selected window) to `knitPres::rnw2pdf`. Developed when MikTeX and Rstudio stopped talking to each other. Can be schorcut to e.g. CTRL + K

Usage

```
bknit2pdf(open = TRUE, clean = TRUE, ...)
```

Arguments

<code>open</code>	Open pdf file?
<code>clean</code>	Clean up temporary files? DEFAULT: TRUE (unlike in <code>tools::texi2pdf</code>)
<code>...</code>	Further arguments passed to <code>knitr::knit</code>

Value

invisible charstring with file name

Author(s)

Berry Boessenkool, <berry-b@gmx.de>, Jul 2021

href	<i>wrap URL in Rnw source code in "href link text"</i>
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Description

wrap URL in Rnw source code in "href link text"

Usage

```
href()
```

Author(s)

Berry Boessenkool, <berry-b@gmx.de>, Oct 2021

See Also

[selectobject](#), [rcode](#)

pycheck	<i>run python exercise development test</i>
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Description

run python exercise development test

Usage

pycheck()

Author(s)

Berry Boessenkool, <berry-b@gmx.de>, Jan 2023

See Also

[selectobject](#)

rcode	<i>wrap Rnw source code in "\rcode"</i>
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Description

wrap Rnw source code in "\rcode"

Usage

rcode()

Author(s)

Berry Boessenkool, <berry-b@gmx.de>, Nov 2019

See Also

[selectobject](#)

selectobject	<i>Select object</i>
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Description

Rstudio addin to create object from highlighted object name or code. Also works in browser mode, albeit not in the code_browser window.

Usage

```
selectobject(eval = TRUE)
```

Arguments

eval	Should text be evaluated? If FALSE, the output is a charstring of the marked text. DEFAULT: TRUE
------	--

Value

List with the (evaluated) object and the code generating it as a character string

Author(s)

Berry Boessenkool, <berry-b@gmx.de>, May 2017

References

Heavily borrowed from digital-dharma/RStudioAddIns (no longer online)

See Also

[addins](#), [funSource](#)

Examples

```
# see str_addin
```

setKeyboardBindings *Set Rstudio keyboard bindings*

Description

Set Rstudio keyboard bindings as mapped on <https://github.com/brry/rskey#rskey>. **By default, this overwrites existing F3:F12 mappings!**

Usage

```
setKeyboardBindings(  
  overwrite = TRUE,  
  removeLastYank = TRUE,  
  workdir2filedir = TRUE,  
  roampath = paste0(Sys.getenv("APPDATA"), "/RStudio/keybindings"),  
  openfolder = TRUE  
)
```

Arguments

overwrite	Logical. Should existing mappings on F3, F4, ..., F12 be overwritten? Still informs if this occurs. DEFAULT: TRUE
removeLastYank	Logical. Should the annoying Rstudio default to override "Redo" (CTRL+Y) with some weird yank be removed? DEFAULT: TRUE (CTRL+Y becomes "Redo" again)
workdir2filedir	Logical. Set CTRL+H for setWorkingDirToActiveDoc? DEFAULT: TRUE
roampath	Char. If not NULL, both files are also copied to this path, e.g. C:/Users/berry/AppData/Roaming/RStudio/. Seems to be irrelevant in Rstudio 1.4. DEFAULT: RStudio/keybindings folder at <code>Sys.getenv("APPDATA")</code>
openfolder	Logical: Open folder(s) after writing the files? Uses <code>berryFunctionsopenFile()</code> . DEFAULT: TRUE

Value

Returns nothing

Author(s)

Berry Boessenkool, <berry-b@gmx.de>, Jan 2019

See Also

[addins](#)

`umlaut2ascii`*Umlaut to ASCII*

Description

Convert Umlaute in Script to ASCII. Less aggressive than <https://github.com/dreamRs/prefixer/#not-ascii>

Usage

```
umlaut2ascii()
```

Value

path, invisibly

Author(s)

Berry Boessenkool, <berry-b@gmx.de>, Feb 2022

See Also

[`berryFunctions::convertUmlaut`]

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