

Package ‘unknownR’

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Version 0.4

Title You didn’t know you didn’t know?

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Depends tcltk,utils

Suggests hwriter

Description Utility to quickly find useful functions in R that you didn’t know you didn’t know.

License GPL

URL <http://unknownr.r-forge.r-project.org/>

Repository CRAN

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 learn

Run learn() after unk()

Description

Displays help for the known unknowns saved by unk().

Usage

```
learn(pkgs=NULL, relearn=FALSE, fnam = path.expand("~/ .knowns.Rdata"))
```

Arguments

pkgs	A character vector of package names. NULL means all known unknowns from any package unk() has been passed.
relearn	Reread the manual pages again, even though you already learn()-ed them.
fnam	Same as fnam in unk()

Details

help() is called on each function name. Press ENTER for the next function. ~/.knowns.Rdata is updated to "learn()-ed" status as each function's help page is displayed. Run unk() afterwards when you know them.

We recommend you set options(help_type="html") so that help is displayed in your internet browser. It may be convenient to resize the browser to fill most of your screen, with the R prompt shrunk and non-overlapping with the browser. It is then easier to put focus back the R prompt (to press ENTER) after you have clicked the browser to scroll or follow links.

If you find mutiple windows, or multiple tabs being opened in your browser, you can try the following options.

- **Firefox 3.5+.**

1. Edit->Preferences->Tabs->Open new windows in a new tab instead, AND
2. Enter "about:config" as the URL->'Here be dragons' OK->browser.link.open_newwindow->Set to 1

Now, for general browsing, ctrl-click to open links in a new tab.

- **Internet Explorer**

Tools->Internet Options->Tab Settings->Open links from other programs in->The current tab

- **Safari**

Preferences->General->Open links from Applications->In a new tab in the current window
However, a new tab is created for each help(). Perhaps a Safari extension is available.

- **Chrome (including v10) and Chromium**

We haven't found a way to stop a new tab for each help().

If you know how to make Safari or Chrome use the current tab for external applications, like Firefox and IE, please let maintainer("unknownR") know so this text may be updated. Thank you.

Value

Nothing.

References

Homepage: <http://unknownr.r-forge.r-project.org/>

See Also

[unk](#)

Examples

```
## Not run:  
unk()  
learn()  
## End(Not run)
```

unk

Starts GUI interface for unknownR

Description

Starts GUI interface for unknownR.

Usage

```
unk(pkgs=c("base", "utils"), fnam=path.expand("~/ .knowns.Rdata"), top=30, size=20, delay=3, redDelay=2)
```

Arguments

pkgs	Names of packages from which to build function list.
fnam	Full path to data file containing your knowns. By default this is .knowns.Rdata in your home folder.
top	Number of packages from Crantastic to include.
size	Font size. The main label displays the function name at 2*size.
delay	How long each function is displayed before being turned red, by default 3 seconds.
redDelay	How long a function is red before 'Don't know' is assumed, by default 2 seconds.

Details

Fast and fun way to discover useful functions in R that you didn't know you didn't know. Cheat sheets, reference cards, tip of the days, ticking off the index of reference manuals and books (manually) are other good ways to discover unknown unknowns, but how do you know you haven't missed something, and how do you keep up to date?

Using `unk()` for the first time takes about 40 mins. Your *known knowns* are saved leaving a list of *known unknowns* to work through at your leisure (using `learn()`). Once you 'know' all functions you have confidence you haven't missed anything. Chances are you will learn at least one new function that you wished you knew before.

When R is upgraded, simply run `unk()` again. Any new functions added by R-core will automatically be presented to you (in case you missed them from NEWS).

Tip: If you can tell from a function name alone that you aren't interested in it (and you are sure) then press SPACE to ignore it. Knowing that you don't need to know something is considered the same as knowing you know it by this package. That way it won't pop up in your known unknowns. Really, you are panning for gold.

Value

Nothing is returned. Responses are saved to `fnam`.

References

Homepage: <http://unknownr.r-forge.r-project.org/>

Many thanks to Greg Snow for his answer on R-help, 28 May 2010. A search returned his answer several months later. `unk()` makes extensive use of the `after` function in Tcl/Tk.

<http://r.789695.n4.nabble.com/Wait-for-keystroke-or-timeout-tp2233895p2234858.html>

See Also

[learn](#)

Examples

```
## Not run:  
unk()  
learn()  
## End(Not run)
```

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