

Overview of Utilities in the pkgmaker Package

Version 0.23

Renaud Gaujoux

June 5, 2014

1 Knitr hooks

1.1 hook_try: showing error message in try statements

This hook aims at showing the error message generated by `try` blocks, which are otherwise not shown in the generated document.

Hook registration

```
library(knitr)
knit_hooks$set(try = pkgmaker::hook_try)
```

Usage

```
try( stop('this error will not appear in the document'))
```

Using chunk option `try = TRUE`, the error message is shown in the document:

```
txt <- 'this error will be shown'
try( stop(txt) )

## Error:  this error will be shown
```

Note that by default, the error message is not highlighted by `knitr` as an error but only as a normal message. This is because highlighting apparently relies on an actual error signal condition being raised, which in turn makes the package building process `R CMD build` fail. However, it is still possible to highlight the error when generating a document outside a package, by using the chunk option `try = FALSE`:

```
txt <- 'this error will be shown'
try( stop(txt) )

## Error:  this error will be shown
```

2 Session Info

- R version 3.1.0 (2014-04-10), x86_64-pc-linux-gnu
- Locale: LC_CTYPE=en_US.UTF-8, LC_NUMERIC=C, LC_TIME=en_ZA.UTF-8, LC_COLLATE=en_US.UTF-8, LC_MONETARY=en_ZA.UTF-8, LC_MESSAGES=en_US.UTF-8, LC_PAPER=en_ZA.UTF-8, LC_NAME=C, LC_ADDRESS=C, LC_TELEPHONE=C, LC_MEASUREMENT=en_ZA.UTF-8, LC_IDENTIFICATION=C
- Base packages: base, datasets, graphics, grDevices, stats, utils
- Other packages: knitr 1.6, pkgmaker 0.23, registry 0.2
- Loaded via a namespace (and not attached): codetools 0.2-8, digest 0.6.4, evaluate 0.5.5, formatR 0.10, highr 0.3, methods 3.1.0, stringr 0.6.2, tools 3.1.0, xtable 1.7-3