

# Overview of Utilities in the pkgmaker Package

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## 1 Knitr hooks

### 1.1 hook\_try: showing error message in try statements

This hooks 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
```