Package 'batchscr'

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Type Package

Title Batch Script Helpers

Version 0.1.0

Author Sherry Zhao

Maintainer Sherry Zhao<sxzhao@gwu.edu>

BugReports https://github.com/sherrisherry/batchscr/issues

Description Handy frameworks, such as error handling and log generation, for batch scripts.
Use case: in scripts running in remote servers, set error handling mechanism for downloading and uploading and record operation log.

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Encoding UTF-8

LazyData true

NeedsCompilation no

Repository CRAN

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R topics documented:

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ecycle *Frame Work for Handling Errors in a Batch Process*

Description

See arguments.

Usage

```
ecycle(code, ehandle, max_try, thandle, ecorrect, cond = TRUE)
```

Arguments

code	The code block to run
ehandle	The code block to run when running code fails
max_try	The number of attempts to run code before claiming that code fails
thandle	(Optional) The code block to run when running code succeeds
ecorrect	(Optional) The code block to run after running code doesn't succeed and before running code again
cond	(Optional) Additional conditions for deciding that running code succeeds.

Value

If running code fails, the result of ehandle.

If running code succeeds and thandle is missing, the result of code.

If running code succeeds and thandle isn't missing, the result of thandle.

Examples

```
ecycle({a <-1; print(a+b); b <- 2}, print('failed'), 3, print('succeeded'), b <- 3)
print(b)
```

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mklog	*Making Formatted Log Files*

Description

See arguments.

Usage

```
mklog(x, path, sep = '\t')
```

Arguments

x	Content of a log record.
path	The path of the log file, if '', the log record is sent to standard output.
sep	The seperator in a record.

Value

None (invisible NULL)

Examples

```
mklog('test log', '')
```

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