Package 'fpeek'

April 16, 2019

Type Package

Title Check Text Files Content at a Glance

Version 0.1.1

Description Tools to help text files importation. It can return
the number of lines; print the first and last lines; convert
encoding. Operations are made without reading the entire file
before starting, resulting in good performances with large files.
This package provides an alternative to a simple use of the
'head', 'tail', 'wc' and 'iconv' programs that are not always
available on machine where R is installed.

BugReports https://github.com/davidgohel/fpeek/issues

URL https://github.com/davidgohel/fpeek

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Encoding UTF-8

LazyData true

Imports Rcpp (>= 0.12.12)

LinkingTo Rcpp

RoxygenNote 6.1.1

Suggests testthat, covr

NeedsCompilation yes

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Repository CRAN

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R topics documented:

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peek_count_lines   *number of lines of a file*

Description

return the number of lines found in a file. Operation is counting the number of new line symbols in the file.

Usage

```
peek_count_lines(path, with_eof = FALSE)
```

Arguments

path	file path
with_eof	count the end of file as a new line.

Value

number of lines as an integer

Examples

```
f <- system.file(package = "fpeek",
  "datafiles", "cigfou-ISO-8859-1.txt")
peek_count_lines(f)
```

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peek_head   *print the first lines of files*

Description

print the first n lines of a file.

Usage

```
peek_head(path, n = 10, intern = FALSE)
```

Arguments

path	file path
n	number of lines to print
intern	a logical which indicates whether to capture the output as an R character vector or to print the output in the R console.

Examples

```
f <- system.file(package = "fpeek",
  "datafiles", "cigfou-ISO-8859-1.txt")
peek_head(f, n = 4)
peek_head(f, n = 4, intern = TRUE)
```

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peek_iconv   *Converts encoding of characters*

Description

Read a file, convert the encoding of characters and print the result.

Usage

```
peek_iconv(path, from, to = "UTF-8", newfile = NULL)
```

Arguments

path	file path
from	the code set in which the input is encoded.
to	the code set to which the output is to be converted.
newfile	result file. Default to NULL. If null the result will be print in the R console, otherwise a file is produced containing the result.

Examples

```
la_cigale <- system.file(package = "fpeek", "datafiles",
  "cigfou-ISO-8859-1.txt")

peek_head(la_cigale)
peek_iconv(la_cigale, from = "ISO-8859-1", to = "UTF-8")

newfile <- tempfile()
peek_iconv(la_cigale, from = "ISO-8859-1", to = "UTF-8",
  newfile = newfile)
peek_head(newfile, n = 10)
```

| peek_tail | *print the last lines of files* |

Description

print the last n lines of a file.

Usage

```
peek_tail(path, n = 10, intern = FALSE)
```

Arguments

path	file path
n	number of lines to print
intern	a logical which indicates whether to capture the output as an R character vector or to print the output in the R console.

Examples

```
f <- system.file(package = "fpeek",
  "datafiles", "cigfou-ISO-8859-1.txt")
peek_tail(f, n = 4)
peek_tail(f, n = 4, intern = TRUE)
```

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