Package ‘fortunes’

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R topics documented:

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Description

Read and print R fortunes.

Usage

```r
fortune(which = NULL, fortunes.data = NULL, fixed = TRUE,
    showMatches = FALSE, author = character(), ...)
```

```r
## S3 method for class 'fortune'
print(x, width = NULL, ...)
```

```r
read.fortunes(file = NULL)
```

Arguments

- `which`: an integer specifying the row number of `fortunes.data`. Alternatively which can be a character and `grep` is used to try to find a suitable row.
- `fortunes.data`: data frame containing a fortune in each row. By default the fortune data from the `fortunes` package are used.
- `fixed`: logical passed to `grep` if `which` is a character, indicating if it should work (if `TRUE`, as by default) with a simple character string or (if `FALSE`) with regular expressions.
- `showMatches`: if `which` is character, a logical indicating if `fortune()` should print all the row numbers of `fortunes.data` which match the `grep` search.
- `author`: a character string to match (via `grep`) to the "authors" column of `fortunes.data`.
- `...`: potential further arguments passed to `grep`.
- `x`: an object of class "fortune", usually a single row from `fortunes.data`.
- `width`: integer specifying the character width. By default `getOption("width")` is used.
- `file`: a character string giving a fortune database in csv format (in UTF-8 encoding). By default all csv files in the data directory of the fortune package are used.

Value

- `fortune()` returns an object of class "fortune" which is a row from a data frame of fortunes (like those read in from `read.fortunes`).
- `read.fortunes()` returns a data frame of fortunes, each row contains:
  - `quote`: the quote, main part of the fortune,
  - `author`: the author of the quote,
  - `context`: the context in which it was quoted (if available, otherwise NA),
  - `source`: where it was quoted (if available, otherwise NA),
  - `date`: when it was quoted (if available, otherwise NA).
Examples

fortune() # a random one
fortune("Ripley") # a random one from those with 'Ripley'
fortune(author = "Ripley") # a random one from those by 'Ripley'
fortune(17)

fortune("parse", showMatches = TRUE) # -> shows at least 5 matches
fortune("parse.*answer") # nothing found but...
fortune("parse.*answer", fixed = FALSE) # ...this works

## The first three "all together" (‘setNames()’ requires at least R 3.0.0):
lapply(setNames(, c(38, 106, 129)), fortune)
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