

Package: shinyInvoice (via r-universe)

October 29, 2024

Title Shiny App - Generate a Pdf Invoice with 'Rmarkdown'

Version 0.0.5

Date 2024-03-31

Description Generate an invoice containing a header with invoice number and businesses details. The invoice table contains any of: salary, one-liner costs, grouped costs. Under the table signature and bank account details appear. Pages are numbered when more than one. Source .json and .Rmd files are editable in the app. A .csv file with raw data can be downloaded. This package includes functions for getting exchange rates between currencies based on 'quantmod' (Ryan and Ulrich, 2023 <<https://CRAN.R-project.org/package=quantmod>>).

Depends R (>= 3.5)

Imports tibble, dplyr, quantmod, rlang, stringr, shiny, lubridate

Suggests fs, jsonlite, pillar, readr, rhino, rjson, shinyAce, tinytex, rmarkdown, curl

License GPL (>= 2)

Encoding UTF-8

SystemRequirements pandoc (>= 2.0)

URL <https://github.com/fernandoroa/invoice-public>

BugReports <https://github.com/fernandoroa/invoice-public/issues>

RoxygenNote 7.2.3

NeedsCompilation no

Author Fernando Roa [aut, cre]

Maintainer Fernando Roa <froao@unal.edu.co>

Date/Publication 2024-04-01 13:10:02 UTC

Repository <https://fernandoroa.r-universe.dev>

RemoteUrl <https://github.com/cran/shinyInvoice>

RemoteRef HEAD

RemoteSha ebd2f503a492c87c90bc048e8ecab2eb74cbd2ce

GetExchangeRates	<i>Functions</i>	<i>get_exchange_rates_symbol,</i> <i>try_exchange_rates_direct_and_indirect and GetExchangeRates</i>
------------------	------------------	---

Description

get_exchange_rates_symbol: uses getSymbols

GetExchangeRates: uses getFX and getSymbols

Usage

```
GetExchangeRates(from_curr, to_curr, from_date, to_date = from_date)
```

```
get_exchange_rates_symbol(from_curr, to_curr, from_date, to_date = from_date)
```

```
try_exchange_rates_direct_and_indirect(date, from_curr, to_curr, tries = 8)
```

Arguments

from_curr	character, currency symbol
to_curr	character, currency symbol
from_date	character, date
to_date	character, date
date	character, desired date
tries	numeric try how many days before desired date

Value

data.frame
data.frame
numeric vector

References

Ryan JA, Ulrich JM (2023). *quantmod: Quantitative Financial Modelling Framework*. R package version 0.4.25, <https://CRAN.R-project.org/package=quantmod>.

Examples

```
from_curr <- c("CAD", "JPY", "USD")  
to_curr <- c("USD", "USD", "EUR")
```

```
# get_exchange_rates_symbol and try_exchange_rates_direct_and_indirect  
# use quantmod::getSymbols, which requires a working curl, as in:
```

```

if (requireNamespace("curl", quietly = TRUE)) {
  con <- curl::curl(url = "https://hb.cran.dev/get", open = "r", handle = curl::new_handle())
  print(con)
  close(con)
}

# Success
recent_date <- as.character(Sys.Date() - 7)
GetExchangeRates(from_curr = from_curr, to_curr = to_curr, recent_date, recent_date)

# last date mismatch day
GetExchangeRates(from_curr = from_curr, to_curr = to_curr, "2023-10-27", "2023-10-30")

# weekend, warning, gets only FX, fails for getSymbols
# update this dates to less than 180 days!

GetExchangeRates(from_curr = from_curr, to_curr = to_curr, "2023-10-28", "2023-10-28")
GetExchangeRates(from_curr = from_curr, to_curr = to_curr, "2023-10-29", "2023-10-29")
GetExchangeRates(from_curr = from_curr, to_curr = to_curr, "2023-07-08", "2023-07-09")

# fails for FX, > 180 days
GetExchangeRates(from_curr = from_curr, to_curr = to_curr, "2023-04-03", "2023-04-05")

# failure for getSymbols, when none is USD
GetExchangeRates(from_curr = "BRL", to_curr = "COP", "2023-07-07")

# getSymbols success
get_exchange_rates_symbol(from_curr = from_curr, to_curr = to_curr, "2023-07-03", "2023-07-05")

# getSymbols > 180 days ok
get_exchange_rates_symbol(from_curr = from_curr, to_curr = to_curr, "2023-04-03", "2023-04-05")

# failure, weekend days
weekend_failure <- try(get_exchange_rates_symbol(
  from_curr = from_curr,
  to_curr = to_curr, "2023-07-08", "2023-07-09"
), silent = TRUE)
weekend_failure

# works
try_exchange_rates_direct_and_indirect("2023-07-08", from_curr, to_curr, tries = 8)
try_exchange_rates_direct_and_indirect("2023-07-08", "BRL", "USD", tries = 8)
try_exchange_rates_direct_and_indirect("2023-07-08", "USD", "BRL", tries = 8)

# works indirectly
recent_date <- as.character(Sys.Date() - 7)
try_exchange_rates_direct_and_indirect(recent_date, "COP", "BRL", tries = 8)

# works with FX only, provided, not greater than 180 days

GetExchangeRates(from_curr = "COP", to_curr = "BRL", recent_date)

```

runInvoice	<i>Function runInvoice</i>
------------	----------------------------

Description

runInvoice: run shinyApp

Usage

```
runInvoice(installAll = FALSE)
```

Arguments

installAll	boolean, when TRUE dependencies are installed without asking. Defaults to FALSE
------------	---

Value

shiny

Index

- * **exchange**
 - GetExchangeRates, 3
- * **sequential**
 - continue_sequence, 2
- * **shiny**
 - runInvoice, 5

continue_sequence, 2

continue_sequence, (continue_sequence),
2

date_bump_month (continue_sequence), 2

duplicate_last_list_element
(continue_sequence), 2

duplicate_last_list_element,
(continue_sequence), 2

get_exchange_rates_symbol
(GetExchangeRates), 3

get_exchange_rates_symbol,
(GetExchangeRates), 3

GetExchangeRates, 3

runInvoice, 5

try_exchange_rates_direct_and_indirect
(GetExchangeRates), 3