

# Package: rolltalk (via r-universe)

October 12, 2026

**Type** Package

**Title** Rolling and Expanding Statistics Presentation

**Version** 1.0.0

**Description** Presentation of rolling and expanding statistics for time-series data. The 'rolltalk' package demonstrates the rolling and expanding statistics of the 'roll' package in a 'Quarto' presentation that is rendered to a PDF file with the roll\_talk() function.

**License** GPL (>= 2)

**URL** <https://github.com/jasonjfoster/rolltalk>

**BugReports** <https://github.com/jasonjfoster/rolltalk/issues>

**Depends** R (>= 3.5.0)

**Imports** data.table, grDevices, quarto

**Suggests** ggplot2, scales, zoo

**Config/roxygen2/old\_usage** TRUE

**Config/roxygen2/version** 8.0.0

**Encoding** UTF-8

**LazyData** true

**SystemRequirements** Quarto CLI (<https://quarto.org>), LaTeX (TinyTeX recommended via 'quarto install tinytex')

**Config/pak/sysreqs** cmake make texlive libuv1-dev

**Repository** <https://jasonjfoster.r-universe.dev>

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**RemoteUrl** <https://github.com/jasonjfoster/rolltalk>

**RemoteRef** HEAD

**RemoteSha** 7a02ca0a40a59495d3207927eddc284c4bc470ad

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| rolltalk-package | <i>Rolling and Expanding Statistics Presentation</i> |
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Description

Presentation of rolling and expanding statistics for time-series data. The 'rolltalk' package demonstrates the rolling and expanding statistics of the 'roll' package in a 'Quarto' presentation that is rendered to a PDF file with the roll\_talk() function.

Details

rolltalk is a package that provides a presentation of rolling and expanding statistics for time-series data.

Author(s)

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|-----------|----------------------------------------|
| bench_100 | <i>Benchmark Data for Width of 100</i> |
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Description

A data set with the benchmark results for rolling statistics with a width of 100.

Usage

bench\_100

Format

A data frame. Rows are evaluation times and columns are the functions.

bench\_1000

*Benchmark Data for Width of 1,000***Description**

A data set with the benchmark results for rolling statistics with a width of 1,000.

**Usage**

```
bench_1000
```

**Format**

A data frame. Rows are evaluation times and columns are the functions.

roll\_talk

*Rolling and Expanding Statistics***Description**

A presentation for rolling and expanding statistics of time-series data.

**Usage**

```
roll_talk(output_dir = getwd(), output_file = "roll_talk.pdf", ...)
```

**Arguments**

|             |                                                                        |
|-------------|------------------------------------------------------------------------|
| output_dir  | Directory for the rendered PDF file.                                   |
| output_file | Name of the rendered PDF file.                                         |
| ...         | Additional arguments passed to <a href="#">quarto::quarto_render</a> . |

**Value**

A PDF file at `file.path(output_dir, output_file)` with the rolling and expanding statistics presentation.

**Examples**

```
## Not run:
# rolling and expanding statistics presentation
roll_talk()

## End(Not run)
```

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