

# Package ‘blockr’

January 12, 2026

**Title** A Block-Based Framework for Data Manipulation and Visualization

**Version** 0.1.0

**Description** A framework for building interactive dashboards and document-based reports. Underlying data manipulation and visualization is possible using a web-based point and click user interface.

**URL** <https://bristolmyerssquibb.github.io/blockr/>

**License** GPL (>= 3)

**Encoding** UTF-8

**RoxygenNote** 7.3.3

**Config/testthat/edition** 3

**Imports** blockr.core, blockr.dock, blockr.dag, blockr.dplyr,  
blockr.ggplot, blockr.io, utils, cli, rlang

**Suggests** testthat (>= 3.0.0), quarto, knitr, shinytest2, withr

**VignetteBuilder** quarto

**NeedsCompilation** no

**Author** Nicolas Bennett [aut, cre],  
David Granjon [aut],  
Christoph Sax [aut] (ORCID: <<https://orcid.org/0000-0002-7192-7044>>),  
John Coene [aut],  
Karma Tarap [ctb],  
Bristol Myers Squibb [cph, fnd]

**Maintainer** Nicolas Bennett <[nicolas@cynkra.com](mailto:nicolas@cynkra.com)>

**Repository** CRAN

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`run_app`*Run app*

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**Description**

Run a DAG-board app.

**Usage**

```
run_app(..., extensions = new_dag_extension(), id = rand_names())
```

**Arguments**

`...`, `extensions` Forwarded to `blockr.dock::new_dock_board()`  
`id` Board namespace ID

**Value**

Acting as a wrapper to `blockr.core::serve()`, the result of a call to `shiny::shinyApp()` is returned.

**Examples**

```
if (interactive()) {  
  run_app(  
    blocks = c(  
      a = new_dataset_block("iris")  
    )  
  )  
}
```

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