

# Package: mapsf.gui (via r-universe)

June 29, 2026

**Title** Create Thematic Maps Interactively

**Version** 0.1.0

**Description** A 'Shiny' application to create thematic maps interactively, based on the 'mapsf' package. Features include: a user-friendly interface to create and customize thematic maps without coding, support for various map types (choropleth, proportional symbols, etc.) and customization options (colors, legends, etc.), R code generation to ensure reproducibility and export options to save maps in different formats (PNG, SVG).

**License** GPL (>= 3)

**URL** <https://codeberg.org/riatelab/mapsf.gui>,  
<https://riatelab.r-universe.dev/mapsf.gui>

**BugReports** <https://codeberg.org/riatelab/mapsf.gui/issues>

**Depends** R (>= 4.0.0)

**Imports** base64enc, bslib (>= 0.10.0), colourpicker, Ckmeans.1d.dp, DT, formatR, jpeg, graphics, grDevices, htmltools, mapsf (>= 1.2.1), phosphoricons, png, sf, shiny (>= 1.12.0), shinyjs (>= 2.0.0), shiny.i18n, sortable, stats, utils

**Language** en-US

**Encoding** UTF-8

**RoxygenNote** 8.0.0

**Suggests** shinytest2, testthat (>= 3.0.0)

**Config/testthat/edition** 3

**NeedsCompilation** no

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

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run_app	<i>Run the mapsf.gui Shiny app</i>
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### Description

Run the mapsf.gui Shiny app

### Usage

```
run_app(data = NULL, viewer = "browser", stop_on_close = TRUE)
```

### Arguments

data	Optional list of sf objects to load at launch
viewer	Viewer type: "browser" (default), "pane", or "dialog"
stop_on_close	If TRUE (default), the app will stop when the viewer is closed. Set to FALSE to keep the app running. Note that reloading the app in your browser (with F5 for example) counts as closing the viewer, so if you set this to TRUE, the app will stop when you reload it. Setting this to FALSE allows you to reload the app in your browser without stopping it, but you will need to stop the app manually (by doing Ctrl + C in the console or clicking the stop button in RStudio) when you are done.

### Value

This function opens a browser, a pane or a dialog and returns nothing.

### Examples

```
if (interactive()) {
  # Run the app in the browser with no data
  run_app()

  # Run the app in a dialog with no data
  run_app(viewer = "dialog")
}
```

```
# Run the app with example data from mapsf package
mtq <- mapsf::mf_get_mtq()
run_app(data = list(mtq = mtq))

# Run the app with multiple example data and without stopping on close
# (so that you can reload it in the browser without stopping it)
mtq <- mapsf::mf_get_mtq()
pts <- mapsf::mf_get_mtq("points")
run_app(data = list(mtq = mtq, pts = pts), stop_on_close = FALSE)
}
```

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