

Package ‘pressfreedom’

September 8, 2026

Title Press Freedom Dashboard

Version 0.2.0

Date 2026-08-25

Description A Shiny dashboard for exploring Reporters Without Borders (RWB) Press Freedom Index data from 2002 to the present. Combines RWB scores with United Nations M49 geographic classifications to enable comparisons across countries, regions, and time.

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Encoding UTF-8

RoxygenNote 8.0.0

Depends R (>= 3.5)

Imports pressfreedom.data (>= 0.3.0), shiny, bslib, dplyr, plotly, ggplot2, htmlwidgets, RColorBrewer, countrycode, tidyr, purrr

Suggests pkgdown, testthat (>= 3.0.0)

Config/testthat/edition 3

URL <https://github.com/petzi53/pressfreedom>,
<https://www.peter-baumgartner.net/pressfreedom/>

BugReports <https://github.com/petzi53/pressfreedom/issues>

NeedsCompilation no

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Repository CRAN

Date/Publication 2026-09-08 13:40:02 UTC

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`run_app`*Launch the Press Freedom Dashboard*

Description

Opens the interactive Shiny dashboard for exploring Reporters Without Borders (RWB) Press Freedom Index data. The dashboard lets users compare country scores and rankings over time using line charts and bump charts.

Usage

```
run_app(...)
```

Arguments

... Arguments passed to `shiny::runApp()`, such as `port` or `launch.browser`.

Details

The dashboard has four tabs:

- **Map** — a choropleth of the world, colored by score, rank, or (2022+) dimension for a chosen year.
- **Trends** — multi-country line charts (Score) or bump charts (Rank) over 2002–2025.
- **Country** — a single country’s profile: current/best/worst stats, score-band/rank-tier counts, and combined score/rank trend charts with dimension overlays.
- **About** — methodology, limitations, and citation information for the dashboard and its data.

A read-only version of this same dashboard is also deployed at <https://petzi53.shinyapps.io/pressfreedom/>, useful for quick, casual exploration without installing anything. Running it locally via `run_app()` avoids that deployment’s usage limits and is recommended for repeated or heavier use.

This package does not bundle its own data; `run_app()` loads `rwb_standardized` from the companion **pressfreedom.data** package at startup. To work with that data directly (outside the dashboard) rather than through the app, load **pressfreedom.data** and consult its documentation and vignettes at <https://www.peter-baumgartner.net/pressfreedom.data/>, e.g.:

```
library(pressfreedom.data)
head(rwb_standardized)
?rwb_standardized
```

Value

Called for its side effect (launching the app). Returns invisibly.

See Also

`rwb_standardized` for the underlying dataset’s documentation.

Examples

```
if (interactive()) {  
  # Launch with defaults  
  run_app()  
  
  # Launch without opening a browser automatically, e.g. inside an  
  # IDE's viewer pane or a remote session  
  run_app(launch.browser = FALSE)  
  
  # Pin a specific port, e.g. to satisfy a firewall rule  
  run_app(port = 8080)  
}
```

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