

Package: shinyresults (via r-universe)

October 12, 2026

Type Package

Title A collection of shiny apps and modules to visualize/handle model results

Version 0.38.0

Date 2026-10-12

Description A collection of shiny apps and modules to explore and visualize time series of modelling results.

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URL <https://github.com/pik-piam/shinyresults>,
<https://doi.org/10.5281/zenodo.1478922>

BugReports <https://github.com/pik-piam/shinyresults/issues>

Depends shiny

Imports base64enc, curl, data.table, doSNOW, foreach, ggplot2, magclass, mip ($\geq 0.154.0$), parallel, plotly, reshape2, rlang, snow, trafficlight, withr, yaml

Suggests covr, knitr, lucode2, quitte (≥ 0.3072), rmarkdown

Encoding UTF-8

LazyData no

VignetteBuilder knitr

Config/Needs/website tidyverse/tidytemplate

Config/roxygen2/version 8.1.0

Config/pak/sysreqs cmake make libicu-dev libuv1-dev libssl-dev libx11-dev zlib1g-dev

Repository <https://pik-piam.r-universe.dev>

Date/Publication 2026-10-12 10:00:58 UTC

RemoteUrl <https://github.com/pik-piam/shinyresults>

RemoteRef HEAD

RemoteSha 9b73e64d12c7eaf0d702e1679512b073fcde839

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appModelstats	<i>Analyze Model Statistics</i>
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Description

Shiny app to analyze statistics collected with [runstatistics](#) and merged with [mergestatistics](#)

Usage

```
appModelstats(
  files = c("https://www.pik-potsdam.de/rd3mod/magpie.rds",
    "https://www.pik-potsdam.de/rd3mod/remind.rds"),
  resultsfolder = NULL
)
```

Arguments

files	path to rds-files from which statistics should be read
resultsfolder	path to a folder containing model results of the corresponding runs

Author(s)

Jan Philipp Dietrich

appResults	<i>appResults</i>
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Description

appResults allows to explore and visualize time series of modelling results.

Usage

```
appResults(
  cfg = getOption("appResults"),
  readFilePar = FALSE,
  variableConfig = NULL,
  port = 3838,
  ...
)
```

Arguments

cfg	config-file containing information about one or more models on the items listed below. Usually you provide these settings in your .Rprofile as a list constructed as follows (to explore REMIND results please replace all occurrences of magpie with remind): <pre>url <- https://rse.pik-potsdam.de/data/magpie/results/rev1 options(appResults = list(MAgPIE = list(file = paste0(url, "/reduced_overview.rds"), resultsfolder=url, valfile=paste0(url, "/validation.rds"), username="xxx", password="yyy")))</pre> file - Overview file in rds format containing a list of all runs available. To get access to all available filters use overview.rds (takes 15s longer to load) instead of reduced_overview.rds. resultsfolder - folder in which model results are stored in rds format. valfile - validation data. Can be a CSV/MIF file or rds file with a quitte object (saved with saveRDS). NULL by default; in this case the user can upload files directly in the tool. Can also be a named character vector of multiple validation files. username - username to access "file" and "resultsfolder". password - password to access "file" and "resultsfolder". selectionSets - named list of selection sets per filter column. Each element is a named list mapping set labels to character vectors of values. Example: <code>list(region = list("All EUR regions" = c("EUC", "EUS", "EUW", "DEU")))</code>
readFilePar	read report data files in parallel (faster) (TRUE) or in sequence (FALSE)
variableConfig	Path to a YAML configuration file with variable presets, or NULL to use default config. The config defines presets for the Dashboard tab and quick-load options in plot tabs. See loadVariableConfig .
port	Port number for the Shiny app (default: 3838). Using a fixed port allows consistent URLs for bookmarking.
...	additional information to overwrite one of the settings from the cfg directly: file, resultsfolder, valfile, username, password, or selectionSets.

Author(s)

Florian Humpenoeder, Jan Philipp Dietrich, Lavinia Baumstark, Pascal Sauer

appResultsLocal	<i>appResultsLocal</i>
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Description

version of appResults which is optimized to run on a local model folder. In contrast to appResults, appResultsLocal only requires the path to an output folder (with subfolders for each run).

Usage

```
appResultsLocal(folder = "output/", valfile = NULL, port = 3838)
```

Arguments

folder	output folder containing the runs to be analyzed as subfolders (e.g. folder "output" in a MAgPIE model folder)
valfile	Path to a validation file, preferably in rds format, but can also be provided as mif (in the latter case it will be converted to rds first). If not path is given the function will look automatically for an validation file in the output folder
port	Port number for the Shiny app (default: 3838)

Author(s)

Jan Philipp Dietrich, Lavinia Baumstark

See Also

[appResults](#)

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