

# Package ‘MainExistingDatasets’

May 7, 2026

**Title** Main Existing Human Datasets

**Version** 1.0.2

**Description** Shiny for Open Science to visualize, share, and inventory the main existing human datasets for researchers.

**License** GPL-3

**Depends** R (>= 2.10)

**Imports** config, dplyr, DT, glue, golem, grDevices, htmltools, htmlwidgets, magrittr, openxlsx, pkgload, processx, rlang, sf, shiny, spData, tidyr, tmap, tmaptools, utils

**Suggests** BiocCheck, covr, knitr, rmarkdown, testthat

**VignetteBuilder** knitr

**biocViews** BiomedicalInformatics, DataRepresentation, Visualization

**Encoding** UTF-8

**Language** en-US

**LazyData** false

**RoxygenNote** 7.2.3

**NeedsCompilation** no

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**Repository** CRAN

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human_datasets	<i>Human datasets</i>
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**Description**

A table of human datasets from various sources (e.g., genetics, imagery, omics) and accessible in open-access.

**Usage**

```
data(human_datasets)
```

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run_app	<i>Run the Shiny Application</i>
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**Description**

Runs a Shiny application. This function normally does not return; interrupt R to stop the application (usually by pressing Ctrl+C or Esc).

**Usage**

```
run_app(
  onStart = NULL,
  options = list(),
  enableBookmarking = NULL,
  uiPattern = "/",
  ...
)
```

**Arguments**

- |                   |   |
|-------------------|---|
| onStart           | A function that will be called before the app is actually run. This is only needed for shinyAppObj, since in the shinyAppDir case, a global .R file can be used for this purpose.   |
| options           | Named options that should be passed to the runApp call (these can be any of the following: "port", "launch.browser", "host", "quiet", "display.mode" and "test.mode"). You can also specify width and height parameters which provide a hint to the embedding environment about the ideal height/width for the app. |
| enableBookmarking | Can be one of "url", "server", or "disable". The default value, NULL, will respect the setting from any previous calls to <a href="#">enableBookmarking()</a> . See <a href="#">enableBookmarking()</a> for more information on bookmarking your app.   |

<code>uiPattern</code>	A regular expression that will be applied to each GET request to determine whether the <code>ui</code> should be used to handle the request. Note that the entire request path must match the regular expression in order for the match to be considered successful.
<code>...</code>	arguments to pass to <code>golem_opts</code> . See <code>?golem::get_golem_options</code> for more details.

**Details**

For more information about this function, please take a look at [https://CRAN.R-project.org/package=golem/vignettes/c\\_deploy.html](https://CRAN.R-project.org/package=golem/vignettes/c_deploy.html).

**Value**

An object that represents the app.

**Examples**

```
## Not run:  
# Start app in the current working directory  
run_app()  
  
# Start app in a subdirectory called myapp  
run_app("myapp")  
  
## End(Not run)
```

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