

Package ‘examly’

November 11, 2025

Title Statistical Metrics and Reporting Tool

Version 0.1.1

Description A 'Shiny'-based toolkit for item/test analysis. It is designed for multiple-choice, true-false, and open-ended questions. The toolkit is usable with datasets in 1-0 or other formats. Key analyses include difficulty, discrimination, response-option analysis, reports. The classical test theory methods used are described in Ebel & Frisbie (1991, ISBN:978-0132892314).

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Encoding UTF-8

Depends R (>= 4.1)

Imports shiny, dplyr, tidyr, purrr, stringr, readr, readxl, officer,
flextable, glue, magrittr, jsonlite, tibble, htmltools

Suggests testthat (>= 3.0.0), knitr, rmarkdown, spelling, psychometric

VignetteBuilder knitr

Config/testthat/edition 3

URL <https://github.com/ahmetcaliskan1987/examly>

BugReports <https://github.com/ahmetcaliskan1987/examly/issues>

RoxygenNote 7.3.3

Language en-US

NeedsCompilation no

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Repository CRAN

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i18n_load	<i>Load translation dictionary</i>
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Description

Finds <lang>.json under the installed package's i18n/ folder and, if not found (during development), falls back to inst/i18n/<lang>.json.

Usage

```
i18n_load(lang = "tr")
```

Arguments

lang	Character scalar language code. Currently "tr" or "en".
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Value

A named list (key -> string) parsed from the JSON file.

Examples

```
# Always-fast: locate the installed TR dictionary (empty string if not installed)
system.file("shinyapp", "i18n", "tr.json", package = "examly")

# Safe example that runs only if the file actually exists
p <- system.file("shinyapp", "i18n", "tr.json", package = "examly")
if (nzchar(p) && file.exists(p)) {
  d <- i18n_load("tr")
  i18n_t(d, "ui.title", "Baslik")
}
```

i18n_t	<i>Translate a UI/message key</i>
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Description

Returns the value for key from a dictionary produced by `i18n_load()`. If the key is missing, returns default when provided, otherwise the key itself.

Usage

```
i18n_t(dict, key, default = NULL)
```

Arguments

dict	Named list produced by <code>i18n_load()</code> .
key	Character scalar; lookup key.
default	Optional fallback value if the key is not present.

Value

Character scalar.

Examples

```
# A quick, fully automatic check:
p <- system.file("shinyapp", "i18n", "en.json", package = "examly")
if (nzchar(p) && file.exists(p)) {
  d <- i18n_load("en")
  i18n_t(d, "buttons.download", "Download")
}
```

`run_app`*Launch examly Shiny application*

Description

Launches the packaged Shiny app located in `inst/shinyapp`. If the app files are not found, a minimal placeholder app is launched instead.

Usage

```
run_app()
```

Details

This function is exported so users can run `examly::run_app()`.

Value

Invisibly returns `NULL`. Called for its side effects.

Examples

```
system.file("shinyapp", package = "examly")
if(interactive()){
  examly::run_app()
}
```

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