

Package ‘positron.tutorials’

March 24, 2025

Title Tutorials for Learning 'Positron' and Related Tools

Version 0.1.2

Description Collection of tutorials for working with 'Positron'. Covers scripts, 'Quarto' documents, 'Git', 'GitHub', and 'Quarto' websites. Makes extensive use of the tools in the 'tutorial.helpers' package.

Depends R (>= 4.1.0)

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Encoding UTF-8

RoxygenNote 7.3.2

Config/testthat/edition 3

BugReports <https://github.com/PPBDS/positron.tutorials/issues>

URL <https://ppbds.github.io/positron.tutorials/>,
<https://github.com/PPBDS/positron.tutorials>

Imports dplyr, mime, purrr, rvest, tibble

Suggests gert, gitcreds, knitr, learnr, palmerpenguins, quarto, rsconnect, testthat (>= 3.0.0), tidyverse, tutorial.helpers, usethis

NeedsCompilation no

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Repository CRAN

Date/Publication 2025-03-24 11:40:02 UTC

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process_submissions *Process Submissions*

Description

This function processes submissions from a directory containing HTML/XML files. It extracts tables from the files, filters them based on a pattern and key variables, and returns either a summary tibble or a combined tibble with all the data.

Usage

```
process_submissions(
  path,
  pattern = ".",
  return_value = "Summary",
  key_vars = NULL,
  verbose = 0,
  keep_file_name = NULL
)
```

Arguments

path	The path to the directory containing the HTML/XML files.
pattern	The pattern to match against the file names (default: ".").
return_value	The type of value to return. Allowed values are "Summary" (default) or "All".
key_vars	A character vector of key variables to extract from the "id" column (default: NULL).
verbose	An integer specifying the verbosity level. 0: no messages, 1: file count messages, 2: some detailed messages about files, 3: detailed messages including all file problems (default: 0).
keep_file_name	Specifies whether to keep the file name in the summary tibble. Allowed values are NULL (default), "All" (keep entire file name), "Space" (keep up to first space), or "Underscore" (keep up to first underscore). Only used when return_value is "Summary".

Value

If return_value is "Summary", returns a tibble with one row for each file, columns corresponding to the key_vars, and an additional "answers" column indicating the number of rows in each tibble. If return_value is "All", returns a tibble with all the data combined from all the files.

Examples

```
## Not run:
# Process submissions with default settings
process_submissions("path/to/directory")
```

```
# Process submissions with a specific pattern and key variables
process_submissions("path/to/directory", pattern = "^submission", key_vars = c("name", "email"))

# Process submissions and return all data
process_submissions("path/to/directory", return_value = "All")

# Process submissions with verbose output (level 3)
process_submissions("path/to/directory", verbose = 3)

# Process submissions and keep the entire file name in the summary tibble
process_submissions("path/to/directory", return_value = "Summary", keep_file_name = "All")

## End(Not run)
```

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