

Package ‘shinyproxyLogs’

May 9, 2026

Type Package

Title Tools for Analyzing 'ShinyProxy' Containers Logs

URL <https://tsenegas.github.io/shinyproxyLogs/>

BugReports <https://github.com/tsenegas/shinyproxyLogs/issues>

Version 0.1.0

Description Provides functions to parse and analyze logs generated by 'ShinyProxy' containers. It extracts metadata from log file names, reads log contents, and computes summary statistics (such as the total number of lines and lines containing error messages), facilitating efficient monitoring and debugging of 'ShinyProxy' deployments.

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Encoding UTF-8

Depends R (>= 4.1.0)

Imports dplyr, purrr, stringr, tibble

RoxygenNote 7.3.2

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

NeedsCompilation no

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Repository CRAN

Date/Publication 2025-03-24 11:20:02 UTC

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analyze_logs	<i>Analyze ShinyProxy Log Files in a Directory</i>
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Description

This function scans a specified directory, extracts metadata from the log file names, reads their content, and computes some statistics (total number of lines and the number of lines containing "error" or "exception"). Additionally, it retrieves ShinyProxy user information from a separate directory of logs.

Usage

```
analyze_logs(path_container_logs, path_shinylogs = NULL)
```

Arguments

`path_container_logs` Character. The path to the directory containing the container logs files.

`path_shinylogs` Character. The path to the directory containing ShinyProxy identity logs.

Value

A list containing two data frames:

file_info Detailed information for each file.

summary Summary information grouped by container (based on specId, proxyId, and startupTime).

Examples

```
## Not run:
result <- analyze_logs("path/to/containersLogs", "path/to/shinylogs")
print(result$summary)

## End(Not run)
```

parse_log_filename	<i>Parse ShinyProxy Log File Name</i>
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Description

This function parses the name of a log file generated by ShinyProxy and extracts metadata: specId, proxyId, startupTime, and logType.

Usage

```
parse_log_filename(filename)
```

parse_log_filename

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Arguments

filename Character. The full path to the log file.

Value

A data frame with the columns specId, proxyId, startupTime, and logType.

Examples

```
## Not run:  
  parse_log_filename(  
    "path/to/containersLogs/log_file_(stdout|stderr).log"  
  )  
  
## End(Not run)
```

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