

Package: openSLD (via r-universe)

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Type Package

Title Parse Xcalibur Sequence (.sld) Files

Version 0.1.0

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Description Simple parser for Thermo Scientific Xcalibur Sequence Files.

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Encoding UTF-8

Imports jsonlite

Suggests covr, testthat (>= 3.0.0)

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Config/roxygen2/version 8.1.0

Roxygen list(markdown = TRUE)

Repository <https://wilson.tom.r-universe.dev>

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parse_thermo_sld	<i>Parse a Thermo Xcalibur SLD sequence file</i>
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Description

Extract sequence records and associated metadata from legacy and JSON-based Thermo Scientific Xcalibur sequence list (.sld) files.

Usage

```
parse_thermo_sld(path)
```

Arguments

path	A length-one character string giving the path to an SLD file.
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Value

A data frame with one row per sequence entry and the columns row, raw_file, sequence_name, rack, vial, method_path, data_path, batch, block, class, injOrder, sampleOrder, display_label, json_offset, and strings_before_json. User-defined fields that are absent from the file are returned as NA.

Examples

```
path <- system.file("extdata", "example-sequence.sld", package = "openSLD")
sequence <- parse_thermo_sld(path)
head(sequence)
```

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