

Package ‘gaml2r’

May 31, 2022

Type Package

Title Parse GAML Files

Version 0.1.1

Description Open and parse data from a Generalized Analytical Markup Language (GAML) files.

Imports magrittr,
xml2,
purrr,
stringr,
base64enc,
dplyr,
tibble,
cli,
crayon

License GPL (>= 3)

Encoding UTF-8

RoxygenNote 7.1.2

Roxygen list(markdown = TRUE)

Suggests testthat (>= 3.0.0),
covr

Config/testthat/edition 3

R topics documented:

get_parameters	2
get_sha1	2
openFile	3

Index	4
--------------	----------

get_parameters	<i>Extract the GAML Conversion Parameters</i>
----------------	---

Description

Extract the GAML Conversion Parameters

Usage

```
get_parameters(gaml_file)
```

Arguments

gaml_file	a .gaml file
-----------	--------------

Value

a tbl_df of GAML conversion parameters

get_sha1	<i>Extract the SHA1 Integrity Algorithm</i>
----------	---

Description

Extract the SHA1 Integrity Algorithm

Usage

```
get_sha1(gaml_file)
```

Arguments

gaml_file	a .gaml file
-----------	--------------

Value

an alpha-numeric string of the SHA1 integrity algorithm for the GAML file

openFile	<i>Open GAML File</i>
----------	-----------------------

Description

Open and extract data from a GAML file containing High Performance Liquid Chromatography (HPLC) Refractive Index (RI) data

Usage

```
openFile(gaml_file, output = "list")
```

Arguments

gaml_file	a .gaml file
output	a character string of either list (default) or tbl_df

Value

if output = list then a nested list is returned. If output = tbl_df then all data is returned in a single long format tbl_df

Index

`get_parameters`, [2](#)

`get_sha1`, [2](#)

`openFile`, [3](#)