

Package: json2aRgs (via r-universe)

May 15, 2026

Type Package

Title Parse Parameters Inside a Docker Container

Version 0.4.0

Description The functions `get_parameters()` and `get_data()` are intended to be used within a docker container with a certain file structure to read keyword arguments from the file `/in/input.json` automatically. The file `/src/tool.yaml` contains specifications on these keyword arguments, which are then passed as input to containerized R tools in the tool-runner framework.. A template for a containerized R tool, which can be used as a basis for developing new tools, is available at the following URL: https://github.com/VForWaTer/tool_template_r.

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URL <https://github.com/VForWaTer/json2aRgs>

BugReports <https://github.com/VForWaTer/json2aRgs/issues>

Depends R (>= 3.6.0)

Imports jsonlite, yaml, tools

Encoding UTF-8

Language en-US

LazyData true

RoxygenNote 7.3.1

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

Repository <https://tool-spec.r-universe.dev>

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RemoteUrl <https://github.com/tool-spec/r-json2args>

RemoteRef HEAD

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| | |
|----------|-----------------|
| get_data | <i>get_data</i> |
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Description

This package is intended to be used inside a docker container to parse data from "/in/input.json" with the help of the input configuration in "/src/tool.yml". The data can be parsed by file extension. If return_data_paths is set to FALSE, the function will return the paths to the data files. If set to TRUE, the function will try to parse the data.

Usage

```
get_data(return_data_paths = FALSE)
```

Arguments

return_data_paths
 Logical. If FALSE (default), the function will return the paths to the data files.
 If TRUE, the function will try to parse the data.

Value

A list of the parsed data specified in "/in/input.json"

Examples

```
## Not run:
  data <- get_data()

## End(Not run)
```

| | |
|-----------------------|-----------------------|
| <i>get_parameters</i> | <i>get_parameters</i> |
|-----------------------|-----------------------|

Description

This package is intended to be used inside a docker container to parse parameters from `"/in/input.json"` with the help of the parameter configuration in `"/src/tool.yml"`.

Usage

```
get_parameters()
```

Value

A list of the parsed parameters specified in `"/in/input.json"`

Examples

```
## Not run:  
  params <- get_parameters()  
  
## End(Not run)
```

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