

# Package: json2aRgs (via r-universe)

September 13, 2024

**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](https://github.com/VForWaTer/tool_template_r).

**License** GPL-3

**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://vforwater.r-universe.dev>

**RemoteUrl** <https://github.com/vforwater/json2args>

**RemoteRef** HEAD

**RemoteSha** 9e32c2b0de1c29238802132356f4e030d6636308

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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)
```

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get_parameters	<i>get_parameters</i>
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**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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