

Package: Environment (via r-universe)

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Title Manage Environment Variables

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Description Get or Set Environment Variables using .Renviron
configuration file.

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Configurator

Environment Variable Configurator

Description

Provides a suite of utility functions for managing environment variables in the `.Renviron` file. This includes initialization, retrieval, caching, and clearing of environment variables, enhancing secure management of sensitive data.

Usage

```
Configurator()
```

Details

The Configurator function initializes and provides access to the following utility functions:

Value

A list of utility functions that facilitate direct interactions with environment variables, structured as follows:

`open.config.file` Opens or creates the `.Renviron` file, enabling the user to manage environment variables.

`get.env.variable` Retrieves the value of an environment variable by its key.

`cache.env.variable` Temporarily stores an environment variable value during the current R session.

`clear.env.variable` Removes a cached environment variable from the current session.

Examples

```
# Initialize the configurator
configurator <- Environment::Configurator()

# Define the environment variable name and value
variable.name <- 'API_KEY'
variable.value <- '123456789'

#' # Set an environment variable for example purposes
Sys.setenv(API_KEY = variable.value)

# Retrieve an environment variable
variable.name |> configurator[['get.env.variable']]()

# Cache an environment variable
variable.name |> configurator[['cache.env.variable']](variable.value)

# Clear a cached environment variable
variable.name |> configurator[['clear.env.variable']]()
```

`Environment.Orchestrator`*Environment Variable Orchestrator*

Description

Provides a suite of utility functions for managing environment variables in the `.Renvi ron` file. This includes initialization, retrieval, caching, and clearing of environment variables, enhancing secure management of sensitive data.

Usage

```
Environment.Orchestrator()
```

Details

The `Environment.Orchestrator` function initializes and provides access to the following utility functions:

Value

A list of utility functions that facilitate direct interactions with environment variables, structured as follows:

`open.config.file` Opens or creates the `.Renvi ron` file, enabling the user to manage environment variables.

`get.env.variable` Retrieves the value of an environment variable by its key.

`cache.env.variable` Temporarily stores an environment variable value during the current R session.

`clear.env.variable` Removes a cached environment variable from the current session.

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