

Package ‘config’

March 27, 2018

Type Package

Title Manage Environment Specific Configuration Values

Version 0.3

Imports yaml (>= 2.1.13)

Suggests testthat, knitr

Description Manage configuration values across multiple environments (e.g. development, test, production). Read values using a function that determines the current environment and returns the appropriate value.

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URL <https://github.com/rstudio/config>

BugReports <https://github.com/rstudio/config/issues>

RoxygenNote 6.0.1

VignetteBuilder knitr

NeedsCompilation no

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config	<i>Manage Environment Specific Configuration Values</i>
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Description

Manage configuration values across multiple environments (e.g. development, test, production). Read values using a function that determines the current environment and returns the appropriate value.

Details

For additional details see the package website at <https://github.com/rstudio/config>.

get	<i>Read configuration values</i>
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Description

Read from the currently active configuration, retrieving either a single named value or all values as a list.

Usage

```
get(value = NULL, config = Sys.getenv("R_CONFIG_ACTIVE", "default"),
    file = Sys.getenv("R_CONFIG_FILE", "config.yml"), use_parent = TRUE)
```

Arguments

value	Name of value (NULL to read all values)
config	Name of configuration to read from. Defaults to the value of the R_CONFIG_NAME environment variable ("default" if the variable does not exist).
file	Configuration file to read from (defaults to "config.yml"). If the file isn't found at the location specified then parent directories are searched for a file of the same name.
use_parent	TRUE to scan parent directories for configuration files if the specified config file isn't found.

Details

For additional details see the package website at <https://github.com/rstudio/config>.

Value

The requested configuration value (or all values as a list of NULL is passed for value).

is_active	<i>Test active configuration</i>
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Description

Check whether a configuration is currently active

Usage

```
is_active(config)
```

Arguments

config	Configuration name
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Details

The name of the currently active configuration is read from the R_CONFIG_ACTIVE environment variable. If the variable is not defined then the "default" configuration is used.

To test for whether a configuration is active you should use the `is_active` function rather than inspecting the environment variable directly (this is to so that tests remain valid if other means of specifying configurations are introduced in the future).

Value

Logical indicating whether the specified configuration is active

merge	<i>Merge two configurations</i>
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Description

Merge one configuration into another recursively.

Usage

```
merge(base_config, merge_config)
```

Arguments

base_config	Configuration to merge values into
merge_config	Configuration to merge values from

Value

Configuration which includes the values from `merge_config` merged into `base_config`.

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