

Package ‘envstat’

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Title Configurable Reporting on your External Compute Environment

Version 0.0.3

Description Runs a series of configurable tests against a user's compute environment. This can be used for checking that things like a specific directory or an environment variable is available before you start an analysis. Alternatively, you can use the package's situation report when filing error reports with your compute infrastructure.

URL <https://envstat.sellorm.com>

BugReports <https://github.com/sellorm/envstat/issues>

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Encoding UTF-8

RoxygenNote 7.2.0

Imports cli, httr2, rstudioapi, yaml

Suggests covr, testthat (>= 3.0.0)

Config/testthat/edition 3

NeedsCompilation no

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Repository CRAN

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|--------------|---|
| edit_envstat | <i>Edit an envstat configuration file</i> |
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Description

Opens an envstat config file in your in your editor. Supports either the RStudio IDE, or the R default editor from `getOption("editor")`

Usage

```
edit_envstat(filepath = "~/envstat")
```

Arguments

filepath path to the config file

Value

the path to the config file invisibly

Examples

```
## Not run:  
# By default envstat uses a config file in your home directory  
envstat::edit_envstat()  
  
# But you can tell it to use a different config file if you prefer  
envstat::edit_envstat(filepath = "/tmp/config.yml")  
  
## End(Not run)
```

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| sitrep | <i>Output an environment status situation report</i> |
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Description

Reports on the availability of certain features of your compute infrastructure, for example, environment variables, or a specific RStudio Package Manager instance. Configure the tests with the `use_envstat` and `edit_envstat` functions.

Usage

```
sitrep(silent = FALSE, path = "~/envstat")
```

Arguments

| | |
|--------|---------------------------------|
| silent | boolean disables printed output |
| path | path to the envstat config file |

Value

TRUE/FALSE invisibly, to indicate all checks pass/fail

Examples

```
## Not run:
# By default envstat uses a config file in your home directory
envstat::sitrep()

# But you can tell it to use a different config file if you prefer
envstat::sitrep(path = "/tmp/config.yml")

# sitrep can also run silently, so that it can be used programatically
envstat::sitrep(silent = TRUE)

## End(Not run)
```

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|-------------|---|
| use_envstat | <i>Create a new skeleton configuration file</i> |
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Description

Create a new skeleton configuration file

Usage

```
use_envstat(filepath = "~/envstat", source = NULL, consent = FALSE)
```

Arguments

| | |
|----------|---|
| filepath | path to the config file |
| source | customise the source of the example config file |
| consent | boolean indicates user consent, default FALSE |

Value

TRUE/FALSE invisibly to indicate success/failure

Examples

```
## Not run:
# By default envstat uses a config file in your home directory
envstat::use_envstat()

# But you can tell it to use a different config file if you prefer
envstat::use_envstat(filepath = "/tmp/config.yml")

# During normal operation use_envstat uses a default config file that ships
# with the package, but you can specify your own if you have one. This can
# be useful in settings such as multi-user server deployments of R, as many
# users could use the same base configuration file and personalise it for
# their own specific use case.
envstat::use_envstat(source = "/shared/corp_envstat_conf.yml")

## End(Not run)
```

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