Package: envstat (via r-universe)

October 9, 2026

Title Configurable Reporting on your External Compute Environment

Version 0.0.3.9000

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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edit_envstat *Edit an envstat configuration file*

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)
```

sitrep *Output an environment status situation report*

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 *Create a new skeleton configuration file*

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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