

# 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>

**License** MIT + file LICENSE

**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                      *Edit an envstat configuration file*

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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                              *Output an environment status situation report*

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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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