Package: dotenv (via r-universe)

June 28, 2024

Title Load Environment Variables from '.env'

Version 1.0.3.9000

Description Load configuration from a '.env' file, that is in the
current working directory, into environment variables.

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URL `https://github.com/gaborcsardi/dotenv`

BugReports `https://github.com/gaborcsardi/dotenv/issues`

RoxygenNote 7.1.2

Encoding UTF-8

Repository https://gaborcsardi.r-universe.dev

RemoteUrl https://github.com/gaborcsardi/dotenv

RemoteRef HEAD

RemoteSha fcb1eb6d11bc2eee54566cb322b316120e4ecda7

Contents

`dotenv-package` *Load configuration parameters from .env into environment variables*

Description

It has become a practice to store configuration parameters related to a project, in a hidden file called `.env`, in the working directory of a project, and then set them as environment variables.

Details

This package loads the variables defined in the `.env` file in the current working directory (as reported by `getwd`), and sets them as environment variables.

This happens automatically when the `dotenv` package is loaded, so the typical use-case is to just put a ‘library(dotenv)‘ code at the beginning of your R script.

Alternatively a `dotenv::load_dot_env()` call can be used to load variables from arbitrary files.

The format of the `.env` file is also a valid unix shell file format, so e.g. in `bash` the environment variables can also be set by running `source .env`.

See `load_dot_env` for the exact file format.

See Also

load_dot_env

`load_dot_env` *Load environment variables from the specified file*

Description

Load variables defined in the given file, as environment variables.

Usage

```
load_dot_env(file = ".env")
```

Arguments

`file`	The name of the file to use.

Details

The file is parsed line by line, and line is expected to have one of the following formats:

```
VARIABLE=value
VARIABLE2="quoted value"
VARIABLE3='another quoted variable'
# Comment line
export EXPORTED="exported variable"
export EXPORTED2=another
```

In more details:

- A leading `export` is ignored, to keep the file compatible with Unix shells.
- No whitespace is allowed right before or after the equal sign, again, to promote compatilibity with Unix shells.
- No multi-line variables are supported currently. The file is strictly parsed line by line.

- Unlike for Unix shells, unquoted values are *not* terminated by whitespace.
- Comments start with #, without any leading whitespace. You cannot mix variable definitions and comments in the same line.
- Empty lines (containing whitespace only) are ignored.

It is suggested to keep the file in a form that is parsed the same way with `dotenv` and `bash` (or other shells).

Examples

```
# Remove, if it exists
Sys.unsetenv("dotenvexamplefoo")
Sys.getenv("dotenvexamplefoo")

# Load from a file
tmp <- tempfile()
cat("dotenvexamplefoo=bar\n", file = tmp)
load_dot_env(tmp)
Sys.getenv("dotenvexamplefoo")

# Clean up
unlink(tmp)
```

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