

Package ‘tidymodels’

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Title Easily Install and Load the 'Tidymodels' Packages

Version 0.0.1

Description The tidy modeling ``verse" is a collection of package for modeling and statistical analysis that share the underlying design philosophy, grammar, and data structures of the tidyverse.

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URL <https://github.com/tidymodels/tidymodels>

BugReports <https://github.com/tidymodels/tidymodels/issues>

Depends R (>= 3.1)

Imports broom (>= 0.5.0), cli (>= 1.0.0), crayon (>= 1.3.4), dplyr (>= 0.7.6), ggplot2 (>= 3.0.0), infer (>= 0.3.0), magrittr (>= 1.5), pillar (>= 1.3.0), purrr (>= 0.2.5), recipes (>= 0.1.3), rlang (>= 0.2.1), rsample (>= 0.0.2), rstudioapi (>= 0.7), tibble (>= 1.4.2), tidytext (>= 0.1.9), tidypredict (>= 0.2.0), tidyposterior (>= 0.0.1), yardstick (>= 0.0.1)

Suggests covr, knitr, rmarkdown, testthat

Encoding UTF-8

LazyData true

RoxygenNote 6.0.1

NeedsCompilation no

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Repository CRAN

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| | |
|----------|------------------------------|
| pkg_deps | <i>List all dependencies</i> |
|----------|------------------------------|

Description

List all dependencies

Usage

```
pkg_deps(x = "tidymodels", recursive = FALSE)
```

Arguments

| | |
|-----------|--|
| x | A character string for the packages being evaluated. |
| recursive | If TRUE, will also list all dependencies of tidymodels packages. |

| | |
|----------|---|
| tag_show | <i>Facilities for loading and updating other packages</i> |
|----------|---|

Description

‘tidymodels’ contains a set of tags for specific topics in modeling and analysis. These can be used to load packages in groups.

Usage

```
tag_show()
tag_attach(tag)
tag_update(tag)
```

Arguments

| | |
|-----|---|
| tag | A character strong for the tag. Current options are ‘Bayesian analysis’, ‘deep learning’, ‘feature engineering’, ‘parallel processing’, ‘resampling’, ‘text analysis’, and ‘time series’. |
|-----|---|

Examples

```
tag_show()
```

| | |
|----------------------|--|
| tidymodels_conflicts | <i>Conflicts between the tidymodels and other packages</i> |
|----------------------|--|

Description

This function lists all the conflicts between packages in the tidymodels and other packages that you have loaded.

Usage

```
tidymodels_conflicts()
```

Details

There are four conflicts that are deliberately ignored: `intersect`, `union`, `setequal`, and `setdiff` from `dplyr`. These functions make the base equivalents generic, so shouldn't negatively affect any existing code.

Examples

```
tidymodels_conflicts()
```

| | |
|---------------------|--|
| tidymodels_packages | <i>List all packages in the tidymodels</i> |
|---------------------|--|

Description

List all packages in the tidymodels

Usage

```
tidymodels_packages(include_self = TRUE)
```

Arguments

`include_self` Include tidymodels in the list?

Examples

```
tidymodels_packages()
```

| | |
|-------------------|-----------------------------------|
| tidymodels_update | <i>Update tidymodels packages</i> |
|-------------------|-----------------------------------|

Description

This will check to see if all tidymodels packages (and optionally, their dependencies) are up-to-date, and will install after an interactive confirmation.

Usage

```
tidymodels_update(pkg = "tidymodels", recursive = FALSE, ...)
```

Arguments

| | |
|-----------|---|
| pkg | A character string for the model being updated. |
| recursive | If TRUE, will also check all dependencies of tidymodels packages. |
| ... | Extra arguments to pass to [utils::install.packages()] |

Value

Nothing is returned but a message is printed to the console about which packages (if any) should be installed along with code to do so.

Examples

```
## Not run:  
tidymodels_update()  
  
## End(Not run)
```

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