Package ‘tidymodels’

April 19, 2021

Title  Easily Install and Load the 'Tidymodels' Packages
Version  0.1.3
Description  The tidy modeling ``verse'' is a collection of packages for
modeling and statistical analysis that share the underlying design
philosophy, grammar, and data structures of the tidyverse.
License  MIT + file LICENSE
URL  https://tidymodels.tidymodels.org,
     https://github.com/tidymodels/tidymodels
BugReports  https://github.com/tidymodels/tidymodels/issues
Depends  R (>= 3.1)
Imports  broom (>= 0.7.6), cli (>= 2.4.0), conflicted (>= 1.0.4), dials
         (>= 0.0.9), dplyr (>= 1.0.5), ggplot2 (>= 3.3.3), infer (>=
         0.5.4), modeldata (>= 0.1.0), parsnip (>= 0.1.5), purrr (>=
         0.3.4), recipes (>= 0.1.16), rlang (>= 0.4.10), rsample (>=
         0.0.9), rstudioapi (>= 0.13), tibble (>= 3.1.0), tidyr (>=
         1.1.3), tune (>= 0.1.3), workflows (>= 0.2.2), workflowsets (>=
         0.0.2), yardstick (>= 0.0.8)
Suggests  covr, glue, knitr, rmarkdown, testthat, xml2
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pkg_deps  List all dependencies

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  Facilities for loading and updating other packages

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', 'ensembles', 'extra models', 'extra recipes', 'feature engineering', 'interpretation', 'parallel processing', 'parameter tuning', 'resampling', 'text analysis', 'time series', and 'visualization'.

Examples

tag_show()

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()

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_prefer
```

Resolve conflicts between tidymodels packages and others

Description

‘tidymodels_prefer()’ uses the ‘conflicted’ package to handle common conflicts with tidymodels and other packages.

Usage

```
tidymodels_prefer(quiet = TRUE)
```

Arguments

quiet
If ‘TRUE’, all output will be suppressed

Details

The list of conflicts includes about a dozen that are known issues with other packages.

Examples

```
tidymodels_prefer(quiet = FALSE)
```

```
tidymodels_update
```

Update tidymodels packages

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

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

## End(Not run)
```
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