Package ‘tidymodels’

October 1, 2021

Title  Easily Install and Load the 'Tidymodels' Packages

Version  0.1.4

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 (>= 0.7.9), cli (>= 3.0.1), conflicted (>= 1.0.4), dials 
         (>= 0.0.10), dplyr (>= 1.0.7), ggplot2 (>= 3.3.5), hardhat (>= 
         0.1.6), infer (>= 1.0.0), modeldata (>= 0.1.1), parsnip (>= 
         0.1.7), purrr (>= 0.3.4), recipes (>= 0.1.17), rlang (>= 
         0.4.11), rsample (>= 0.1.0), rstanapi (>= 0.13), tibble (>= 
         3.1.5), tidyverse (>= 1.1.4), tune (>= 0.1.6), workflows (>= 
         0.2.3), workflowsets (>= 0.1.0), yardstick (>= 0.0.8)

Suggests  covr, glue, knitr, rmarkdown, testthat, xml2

VignetteBuilder  knitr

Encoding  UTF-8

RoxygenNote  7.1.2

NeedsCompilation  no

Author  Max Kuhn [aut, cre],
        Hadley Wickham [aut],
        RStudio [cph, fnd]

Maintainer  Max Kuhn <max@rstudio.com>

Repository  CRAN

Date/Publication  2021-10-01 18:50:02 UTC
R topics documented:

pkg_deps .................................................. 2
tag_show ..................................................... 2
tidymodels_conflicts ................................. 3
tidymodels_packages ................................. 3
tidymodels_prefer ........................................ 4
tidymodels_update ........................................ 4

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 string 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

```r
tag_show()
```

---

**tidymodels_conflicts**

*Conflicts between the tidymodels and other packages*

**Description**

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

**Usage**

```r
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**

```r
tidymodels_conflicts()
```

---

**tidymodels_packages**

*List all packages in the tidymodels*

**Description**

List all packages in the tidymodels

**Usage**

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

**Arguments**

- **include_self**: Include tidymodels in the list?
Examples

```r
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**

```r
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**

```r
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**

```r
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()]
tidymodels_update

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)
Index

pkg_deps, 2

tag_attach (tag_show), 2
tag_show, 2
tag_update (tag_show), 2
tags (tag_show), 2
tidymodels_conflicts, 3
tidymodels_packages, 3
tidymodels_prefer, 4
tidymodels_update, 4