Package ‘tidymodels’

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Title  Easily Install and Load the 'Tidymodels' Packages

Version  1.1.0

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.

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

Depends  R (>= 3.4)

Imports  broom (>= 1.0.4), cli (>= 3.6.1), conflicted (>= 1.2.0), dials (>= 1.2.0), dplyr (>= 1.1.2), ggplot2 (>= 3.4.2), hardhat (>= 1.3.0), infer (>= 1.0.4), modeldata (>= 1.1.0), parsnip (>= 1.1.0), purrr (>= 1.0.1), recipes (>= 1.0.6), rlang (>= 1.1.0), rsample (>= 1.1.1), rstudioapi (>= 0.14), tibble (>= 3.2.1), tidyr (>= 1.3.0), tune (>= 1.1.1), workflows (>= 1.1.3), workflowsets (>= 1.0.1), yardstick (>= 1.2.0)

Suggests  covr, glue, knitr, rmarkdown, testthat (>= 3.0.0), xml2

VignetteBuilder  knitr

Config/Needs/website  tidyverse/tidytemplate

Config/testthat/edition  3

Encoding  UTF-8

RoxygenNote  7.2.3

NeedsCompilation  no

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Repository  CRAN

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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

The tidymodels metapackage 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)
tidymodels_conflicts

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

   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

   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  List all packages in the tidymodels

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 several dozen that are known issues with other packages.

Note that the `conflicted` package is used to manage which packages take precedence. Using `tidymodels_prefer()` will turn on general conflict resolution during the R session.

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()`
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

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

## End(Not run)
```
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