Package 'tidymodels'

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Title Easily Install and Load the 'Tidymodels' Packages

Version 0.2.0

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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URL https://tidymodels.tidymodels.org, https://github.com/tidymodels/tidymodels

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

Depends R (>= 3.4)

Imports broom (>= 0.7.12), cli (>= 3.2.0), conflicted (>= 1.1.0), dials (>= 0.1.0), dplyr (>= 1.0.8), ggplot2 (>= 3.3.5), hardhat (>= 0.2.0), infer (>= 1.0.0), modeldata (>= 0.1.1), parsnip (>= 0.2.1), purrr (>= 0.3.4), recipes (>= 0.2.0), rlang (>= 1.0.2), rsample (>= 0.1.1), rstudioapi (>= 0.13), tibble (>= 3.1.6), tidyr (>= 1.2.0), tune (>= 0.2.0), workflows (>= 0.2.5), workflowsets (>= 0.2.1), yardstick (>= 0.0.9)

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

VignetteBuilder knitr

Config/Needs/website tidyverse/tidytemplate

Encoding UTF-8

RoxygenNote 7.1.2

Config/testthat/edition 3

NeedsCompilation no

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Repository CRAN

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R **topics documented:**

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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.

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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)
```

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()
```

---

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 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

```
## Not run:
tidymodels_update()

## End(Not run)
```

Index