Package 'tidymodels'

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Title Easily Install and Load the 'Tidymodels' Packages

Version 1.3.0

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 (>= 3.6)

Imports broom (>= 1.0.7), cli (>= 3.6.4), conflicted (>= 1.2.0), dials
(>= 1.4.0), dplyr (>= 1.1.4), ggplot2 (>= 3.5.1), hardhat (>=
1.4.1), infer (>= 1.0.7), modeldata (>= 1.4.0), parsnip (>=
1.3.0), purrr (>= 1.0.4), recipes (>= 1.1.1), rlang (>= 1.1.5),
rsample (>= 1.2.1), rstudioapi (>= 0.17.1), tibble (>= 3.2.1),
tidyr (>= 1.3.1), tune (>= 1.3.0), workflows (>= 1.2.0),
workflowsets (>= 1.1.0), yardstick (>= 1.3.2)

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 7.3.2

NeedsCompilation no

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Repository CRAN

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Contents

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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)
```

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.

To manage conflicts, you can use the conflicted package. To prefer tidymodels functions over other
functions, use tidymodels_prefer().

See Also

tidymodels_prefer()

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.

See Also

[tidymodels_conflicts()](#)

Examples

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

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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)
```

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