

Package ‘tidymodels’

October 14, 2022

Title Easily Install and Load the 'Tidymodels' Packages

Version 1.0.0

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 (>= 1.0.0), cli (>= 3.3.0), conflicted (>= 1.1.0), dials (>= 1.0.0), dplyr (>= 1.0.9), ggplot2 (>= 3.3.6), hardhat (>= 1.2.0), infer (>= 1.0.2), modeldata (>= 1.0.0), parsnip (>= 1.0.0), purrr (>= 0.3.4), recipes (>= 1.0.1), rlang (>= 1.0.3), rsample (>= 1.0.0), rstudioapi (>= 0.13), tibble (>= 3.1.7), tidyr (>= 1.2.0), tune (>= 1.0.0), workflows (>= 1.0.0), workflowsets (>= 1.0.0), yardstick (>= 1.0.0)

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 7.2.0

NeedsCompilation no

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pkg_deps	<i>List all dependencies</i>
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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	<i>Facilities for loading and updating other packages</i>
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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 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	<i>Resolve conflicts between tidymodels packages and others</i>
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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
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Details

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

Examples

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

tidymodels_update	<i>Update tidymodels packages</i>
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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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