Package 'tidymodels'

July 14, 2020

Title Easily Install and Load the 'Tidymodels' Packages

Version 0.1.1

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 (>= 3.1)

Imports broom (>= 0.7.0), cli (>= 2.0.2), crayon (>= 1.3.4), dials (>=
0.0.8), dplyr (>= 1.0.0), ggplot2 (>= 3.3.2), infer (>= 0.5.2),
magrittr (>= 1.5), modeldata (>= 0.0.2), parsnip (>= 0.1.2),
purrr (>= 0.3.4), recipes (>= 0.1.13), rlang (>= 0.4.7),
rsample (>= 0.0.7), rstudioapi (>= 0.11), tibble (>= 3.0.3),
tidyr (>= 1.1.0), tune (>= 0.1.1), workflows (>= 0.1.2),
yardstick (>= 0.0.7)

Suggests covr, knitr, rmarkdown, testthat, xml2

Encoding UTF-8

LazyData true

RoxygenNote 7.1.1

VignetteBuilder knitr

NeedsCompilation no

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Repository CRAN

Date/Publication 2020-07-14 07:40:07 UTC

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.

---

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 strong for the tag. Current options are 'Bayesian analysis', 'deep learning', 'extra models', 'extra recipes', 'feature engineering', 'parallel processing', 'resampling', 'text analysis', and 'time series'.

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_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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