Package ‘mlr3verse’

August 11, 2021

Title Easily Install and Load the ‘mlr3’ Package Family

Version 0.2.2

Description The ‘mlr3’ package family is a set of packages for machine-learning purposes built in a modular fashion. This wrapper package is aimed to simplify the installation and loading of the core ‘mlr3’ packages. Get more information about the ‘mlr3’ project at <https://mlr3book.mlr-org.com/>.

License LGPL-3

URL https://mlr3verse.mlr-org.com,
https://github.com/mlr-org/mlr3verse

BugReports https://github.com/mlr-org/mlr3verse/issues

Depends R (>= 3.1.0), mlr3 (>= 0.12.0),
Imports bbotk, data.table, mlr3cluster, mlr3data, mlr3filters,
      mlr3fselect, mlr3learners, mlr3misc, mlr3pipelines, mlr3proba
      (>= 0.4.0), mlr3tuning (>= 0.8.0), mlr3viz, paradox (>= 0.6.0)

Encoding UTF-8

RoxygenNote 7.1.1

NeedsCompilation no

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mlr3verse: Easily Install and Load the ‘mlr3’ Package Family

Description

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Learn mlr3

- Use cases and examples gallery: https://mlr3gallery.mlr-org.com
- Cheat Sheets: https://github.com/mlr-org/mlr3cheatsheets

Additional Extension Packages

The mlr3verse only installs the subset of packages which are on the one hand frequently required to perform a data analysis, and on the other hand do not pull in too many dependencies or system requirements.

Additional extension packages include:

- Analysis of benchmark experiments: mlr3benchmark
- Task interface for data bases: mlr3db
- Connector to OpenML: mlr3oml
- Additional learners: https://github.com/mlr-org/mlr3extralearners
- Hyperband tuning algorithm: mlr3hyperband
- Spatio-temporal resampling: mlr3spatiotempcv

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See Also

Useful links:

- https://mlr3verse.mlr-org.com
- https://github.com/mlr-org/mlr3verse
- Report bugs at https://github.com/mlr-org/mlr3verse/issues
Description

Returns the package versions of imported mlr3 packages as a `data.table()`.

Usage

`mlr3verse_info()`

Examples

`mlr3verse_info()`
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