Package ‘mlr3verse’

April 26, 2023

Title  Easily Install and Load the ‘mlr3’ Package Family

Version  0.2.8

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  mlr3 (>= 0.12.0), R (>= 3.1.0)

Imports  bbotk, data.table, mlr3cluster, mlr3data, mlr3filters,
mlr3fsselect (>= 0.8.0), mlr3hyperband, mlr3learners, mlr3mbo,
mlr3misc (>= 0.11.0), mlr3pipelines (>= 0.4.0), mlr3tuning (>= 0.17.0), mlr3tuningspaces (>= 0.1.1), mlr3viz, paradox (>= 0.6.0)

Encoding  UTF-8

RoxygenNote  7.2.3

NeedsCompilation  no

Author  Michel Lang [cre, aut] (<https://orcid.org/0000-0001-9754-0393>),
Patrick Schratz [aut] (<https://orcid.org/0000-0003-0748-6624>)

Maintainer  Michel Lang <michellang@gmail.com>

Repository  CRAN

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R topics documented:

mlr3verse-package .......................................................... 2
mlr3verse_info ............................................................ 3

Index  4
mlr3verse-package

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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

Author(s)

Maintainer: Michel Lang <michellang@gmail.com> (ORCID)
Authors:

- Patrick Schratz <patrick.schratz@gmail.com> (ORCID)

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
mlr3verse_info

Print mlr3* package versions

Description

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

Usage

mlr3verse_info()

Examples

mlr3verse_info()
Index

data.table(), 3

mlr3verse (mlr3verse-package), 2
mlr3verse-package, 2
mlr3verse_info, 3