

Package ‘mlr3verse’

November 19, 2022

Title Easily Install and Load the 'mlr3' Package Family

Version 0.2.7

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/>.

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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,
mlr3fselect (>= 0.8.0), mlr3hyperband, mlr3learners, 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 7.2.2

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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mlr3verse-package

mlr3verse: Easily Install and Load the 'mlr3' Package Family

Description

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Learn mlr3

- Book on mlr3: <https://mlr3book.mlr-org.com>
- 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	<i>Print mlr3* package versions</i>
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Description

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

Usage

```
mlr3verse_info()
```

Examples

```
mlr3verse_info()
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