

# 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,  
mlr3fselect (>= 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

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**Repository** CRAN

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mlr3verse-package

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

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## 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/>.

## 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)

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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>

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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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