

# Package: PmetricsWorld (via r-universe)

September 29, 2026

**Title** Install the Pmetrics Package Ecosystem

**Version** 0.0.1

**Description** A meta-package that installs Pmetrics and its companion Shiny applications. It provides a single installation target for the supported Pmetrics modeling, simulation, exploration, plotting, model library, and reporting tools.

**License** GPL (>= 3)

**URL** <https://github.com/LAPKB/PmetricsWorld>

**BugReports** <https://github.com/LAPKB/PmetricsWorld/issues>

**Depends** R (>= 4.2)

**Imports** cli, Pmetrics, PmetricsExplorer, PmetricsLitSim, PmetricsModelLib, PmetricsPlot, PmetricsReports

**Additional\_repositories** <https://lapkb.r-universe.dev>

**Suggests** testthat (>= 3.0.0)

**Config/testthat/edition** 3

**Config/roxygen2/version** 8.0.0

**Encoding** UTF-8

**Config/pak/sysreqs** libcairo2-dev cmake libfontconfig1-dev libfreetype6-dev libfribidi-dev make libharfbuzz-dev libmagick++-dev gsfonts libicu-dev libjpeg-dev libpng-dev libsodium-dev libtiff-dev libuv1-dev libwebp-dev libxml2-dev libssl-dev python3 libx11-dev zlib1g-dev

**Repository** <https://lapkb.r-universe.dev>

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**RemoteUrl** <https://github.com/LAPKB/PmetricsWorld>

**RemoteRef** v1.0.0

**RemoteSha** b3fefaf6c5cdfe79531ece2a6b264679155b9801

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pmetricsworld\_launch    *Launch a Pmetrics companion application*

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**Description**

Launch a Pmetrics companion application

**Usage**

```
pmetricsworld_launch(
  app = c("explorer", "literature", "models", "plots", "reports"),
  ...
)
```

**Arguments**

app                      Character string naming the application to launch. Partial matching is supported.  
 ...                      Arguments passed to the application's launch function.

**Value**

The value returned by the selected application's launch function, invisibly.

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pmetricsworld\_packages  
                             *List packages in PmetricsWorld*

---

**Description**

List packages in PmetricsWorld

**Usage**

```
pmetricsworld_packages(include_self = FALSE)
```

**Arguments**

include\_self      Logical. Include 'PmetricsWorld' in the result?

**Value**

A character vector of package names.

**Examples**

```
pmetricsworld_packages()
```

---

pmetricsworld\_updates *Check the Pmetrics ecosystem for updates*

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**Description**

Delegates to [Pmetrics::check\_updates()], which checks Pmetrics, installed companion applications, and R.

**Usage**

```
pmetricsworld_updates(...)
```

**Arguments**

...                   Arguments passed to [Pmetrics::check\_updates()].

**Value**

The value returned by [Pmetrics::check\_updates()], invisibly.

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