

# Package ‘coda.pack’

April 10, 2026

**Type** Package

**Title** Meta-Package for Compositional Data Analysis

**Version** 0.1.2

**Description** Meta-package for compositional data analysis. It attaches the main stable packages of the 'coda' ecosystem, currently 'coda.base' and 'coda.plot', and provides helper tools to install development extensions from 'GitHub'.

**License** GPL (>= 3)

**Encoding** UTF-8

**RoxygenNote** 7.3.2

**Depends** R (>= 4.1.0), coda.base, coda.plot

**Suggests** remotes

**NeedsCompilation** no

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**Repository** CRAN

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coda_dev_repos	<i>Development repositories in the coda ecosystem</i>
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**Description**

Development repositories in the coda ecosystem

**Usage**

```
coda_dev_repos()
```

**Value**

A character vector. Each element is a GitHub repository identifier of the form "owner/repository" corresponding to a development package in the coda ecosystem.

**Examples**

```
coda_dev_repos()
```

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coda_packages	<i>List packages in the coda ecosystem</i>
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**Description**

Returns a data frame with the packages currently considered part of the coda ecosystem and their installation source.

**Usage**

```
coda_packages()
```

**Value**

A data frame with one row per package and two columns:

**package** Package name.

**source** Source from which the package can be installed, currently either "CRAN" or "GitHub".

The returned object is of class `data.frame`.

**Examples**

```
coda_packages()
```

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install_coda_dev	<i>Install development packages from the coda ecosystem</i>
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**Description**

Installs the development extensions of the coda ecosystem from GitHub.

**Usage**

```
install_coda_dev(upgrade = "never")
```

**Arguments**

upgrade            Upgrade policy passed to `remotes::install_github()`.

**Details**

Currently, this function installs:

- `coda.count`
- `coda.stats`
- `coda.dist`

**Value**

Invisibly returns a character vector with the GitHub repositories that were passed to `remotes::install_github()`. Each element is of the form "owner/repository".

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