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Project delivering with R packages

Workshop – XI Jornadas de Usuarios de R

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Structuring scripts and configuaration

Documenting code and building
the package

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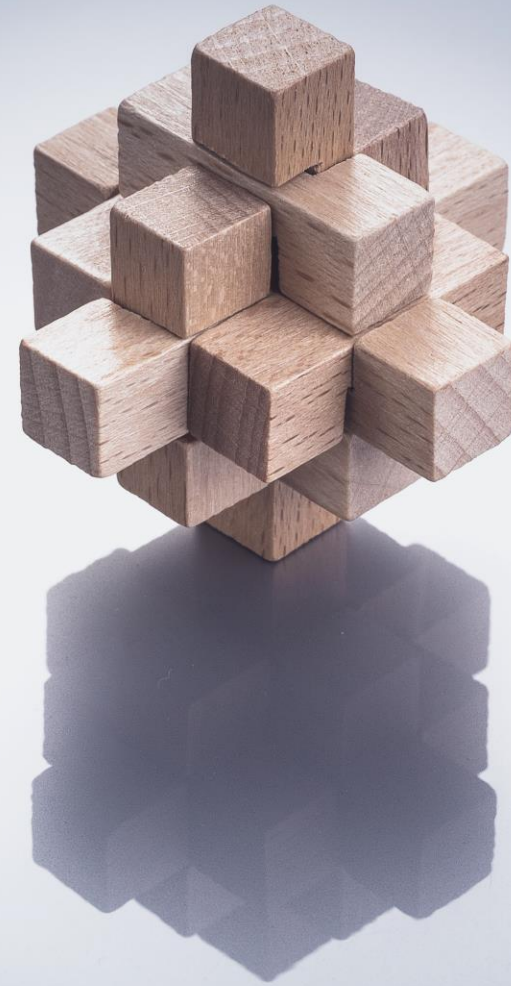
Setting up an R package

Developing a project as an **R package** provide several **benefits**:

- **Provides** a **common structure** for all projects

- **Escalates** easily as it is **self-contained**

- **Eases** the generation of **documentation**

Plus, setting it up **is fast!**

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Structuring scripts and configuration

When **developing a package**, there are **3 checks** to take into account:

- Make one script for **each functionality**

- Create a **configuration file** in the *inst* folder

- **Add other packages** used in the *DESCRIPTION* file

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Documenting code and building the package

The package *roxygen2* makes documenting code an **easy task**. Once **all your functions are documented** in the scripts, it can quickly **generate a file** with the standard R package documentation structure.

RStudio features an intuitive functionality to **build the package** from source. Once you have built your package, you can **share it** and easily **install it in other devices**.

Questions

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