

Effective Programming Practices for Economists

Reproducible Research

What are the project templates?

Janoś Gabler and Hans-Martin von Gaudecker

What are the project templates?

Whatever is found at this URL:

<https://github.com/OpenSourceEconomics/econ-project-templates>

What are the project templates?

1. An example of an empirical project that helps you learn pytask
 - All best practices are implemented
 - Convenient approach to handling file paths
2. A recommended directory structure you can customize
 - Folders for the typical steps in a research project
 - Clear separation of source files and results
3. A convenient way of starting your own project
 - Documentation guides you through the setup
 - Just need a few project-wide search-and-replace operations instead of reinventing wheels

Terminology

- **Pytask:** A build system that executes the different steps of your research project, keep track of dependencies between steps, and only execute what needs to be executed. It can execute independent tasks in parallel.
- **Project templates:** An example project implementing best practices and a recommended directory structure for pytask projects