

CPP-Project-Structure_roll

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Chapter 1

C++ Project Structure

TODO:

- [] Write a simple test
- [] Add test to Makefile

The Makefile will make the following folder structure:

- **bin**: for output executables (targets), both for the app and for any spikes and tests.
- **build**: for object/binary files created during compilation (this is removed by `make clean`).
- **doc**: for notes, configuration files and documentation.
- **include**: for the applications header files.
- **lib**: for any libraries that is compiled by the project.
- **resources**: for data files used by the executable.
- **scripts**: for scripts that can benefit the project (e.g. Python or bash scripts).
- **spike**: for smaller classes or files to test technologies or ideas.
- **src**: for the applications source files.
- **tests**: for all test code files.

1.0.0.1 Makefile commands

The following commands can be used with this Makefile:

- `make`
- `make all`
- `make build`
- `make clean`
- `make debug`
- `make release`

