



## A build system generator

- CMake is a generator: it generates native build systems files (Makefile, Ninja, IDE project files, ...),
- CMake scripting language (declarative) is used to describe the build,
- The developer edits `CMakeLists.txt`, invokes CMake but should never edit the generated files,
- CMake may be (automatically) re-invoked by the build system,



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- 5 Package Install time: the package (from previous step) is installed

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## The CMake workflow (pictured)

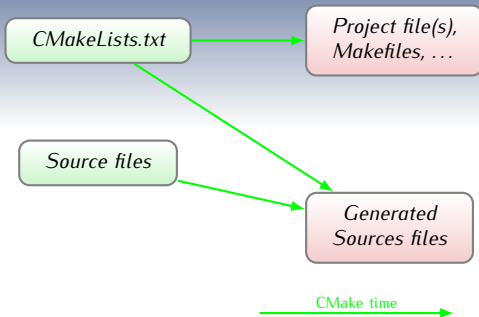
*CMakeLists.txt*

*Source files*



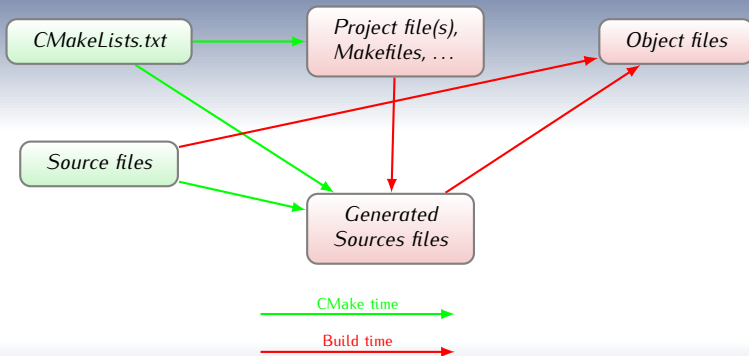


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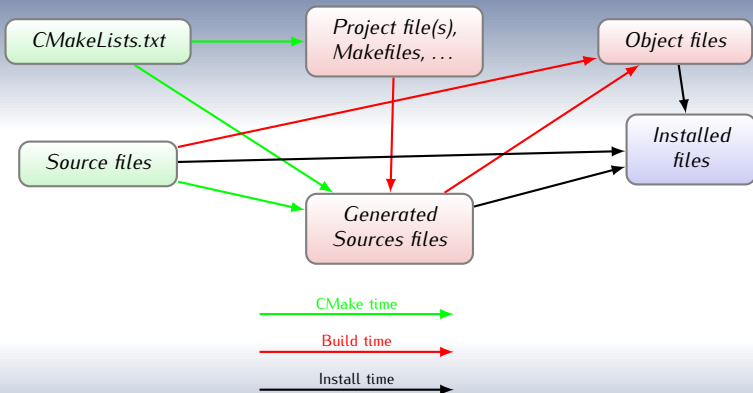


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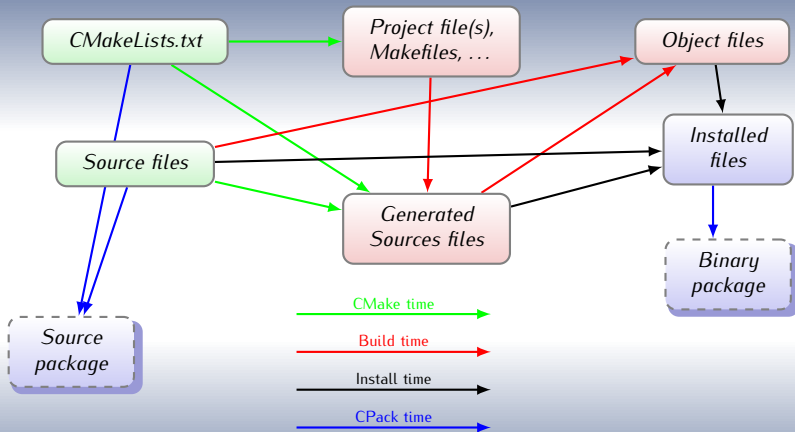


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