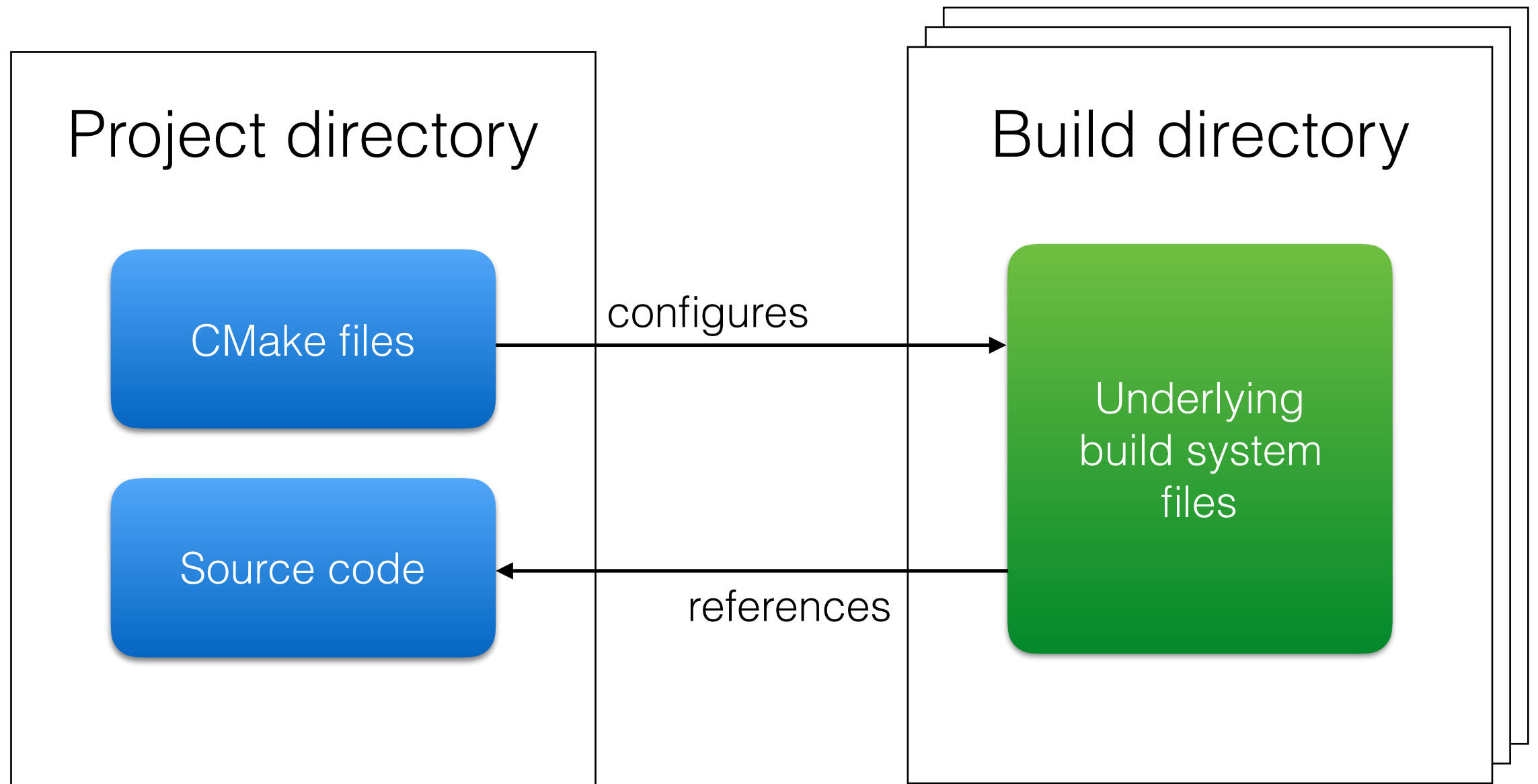


CMake

Cross-platform **M**ake

Felix Kutzner (QPR Technologies)

Generators



Targets

CMake	Visual Studio	GNU Make	Xcode
Project	Solution		Project
Target	Project	Target	Scheme

Times

Configure

Generate

Read
CMake cache

Run
CMake files

Write
CMake cache

Generate
build files



CMakeLists.txt

```
project("Hello-World")
cmake_minimum_required(VERSION 3.0.2 FATAL_ERROR)

add_subdirectory(lib)

add_executable(HelloWorld main.cpp)
target_link_libraries(HelloWorld printer)

add_custom_target(say-hello
  COMMAND $<TARGET_FILE:HelloWorld>
  DEPENDS HelloWorld
  WORKING_DIRECTORY ${CURRENT_BINARY_DIR})
```

lib/CMakeLists.txt

```
add_library(printer
  hello_world_printer.hpp
  hello_world_printer.cpp)
```

END