CMake Study

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Dedication

CMake, more than just a buildsystem...

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Chapter 1. What is CMake?

- Cross platform buildsystem.

- Creates Makefiles (e.g. GNU, Borland, MS)

- supports C++,C,Java,Fortran

- simple script language

- Used by e.g. KDE 4, Chicken Schema, libgphoto

Chapter 2. CMake:Build Software

- supports executables, static and shared libraries.

- care for platform specfic issues.

Example 2.1. build example.

```
set(foo_srcs a.c b.c)    set variable
add_library(foo SHARED ${foo_srcs}) ❶
add_executable(hello main.c) ❷
target_link_libraries(hello foo)
install(TARGETS foo DESTINATION lib)
```

❶   a test.
❷   test1.