



libopenFrameworks.a

watch out - internally named
configure.platform.make

```

MakeFile
OF_SHARED_MAKEFILES_PATH
./makefileCommon
OF_ROOT
../..
SHELL
/bin/sh
SHELL
/bin/sh
PLATFORM_VARIANT
default
include makefileCommon/config.make
  
```

config.make	example values
PLATFORM_OS	Linux
\$(shell uname -s)	
PLATFORM_ARCH	armv6l
\$(shell uname -m)	
PLATFORM_LIB_SUBPATH	linuxarmv6l
linuxarmv7l	
PLATFORM_STATIC_LIB_SUFFIXES	
OF_ADDONS_PATH	../../../../addons
\$(OF_ROOT)/addons	
OF_EXPORT_PATH	../../../../export
\$(OF_ROOT)/export	
OF_EXAMPLES_PATH	../../../../examples
\$(OF_ROOT)/examples	
OF_APPS_PATH	../../../../apps
\$(OF_ROOT)/apps	
OF_LIBS_PATH	../../../../libs
\$(OF_ROOT)/libs	
OF_LIBS_OPENFRAMEWORKS_PATH	../../../../libs/openFrameworks
\$(OF_LIBS_PATH)/openFrameworks	
OF_LIBS_OF_COMPILED_PATH	../../../../libs/openFrameworksCompiled
\$(OF_LIBS_OPENFRAMEWORKS_PATH)Compiled	
OF_LIBS_OF_COMPILED_PROJECT_PATH	../../../../libs/openFrameworksCompiled/project
\$(OF_LIBS_OF_COMPILED_PATH)/project	
OF_PLATFORM_MAKEFILES	../../../../libs/openFrameworksCompiled/project/
\$(OF_LIBS_OF_COMPILED_PROJECT_PATH)/\$(PLATFORM_LIB_SUBPATH)	linuxarmv6l
OF_SHARED_MAKEFILES_PATH	./makefileCommon
\$(OF_LIBS_OF_COMPILED_PROJECT_PATH)/makefileCommon	
OF_LIBS_OF_COMPILED_PROJECT_PATH	../../../../libs/openFrameworksCompiled/project
\$(OF_LIBS_OF_COMPILED_PROJECT_PATH)/\$(PLATFORM_LIB_SUBPATH)	
AVAILABLE_PLATFORM_VARIANTS	default
include \$(OF_PLATFORM_MAKEFILES)/config.\$	
(PLATFORM_VARIANT).make	
config.default.make	

```

GLOBAL
PLATFORM_VARIANT
default
  
```

searches
OF_PLATFORM_MAKEFILES
for config*.make
pattern,
config.default.make is
typical result

```

config.default.make
HAS_SYSTEM_GTK
pkg-config
HAS_SYSTEM_MPG123
pkg-config
PLATFORM_DEFINES

PLATFORM_REQUIRED_ADDONS

PLATFORM_CFLAGS

PLATFORM_OPTIMIZATION_CFLAGS_RELEASE
-Os
PLATFORM_OPTIMIZATION_CFLAGS_DEBUG
-g3
PLATFORM_CORE_EXCLUSIONS
PLATFORM_HEADER_SEARCH_PATHS

PLATFORM_LIBRARIES

PLATFORM_STATIC_LIBRARIES

PLATFORM_SHARED_LIBRARIES

PLATFORM_PKG_CONFIG_LIBRARIES

PLATFORM_LIBRARY_SEARCH_PATHS

PLATFORM_FRAMEWORKS
PLATFORM_FRAMEWORKS_SEARCH_PATHS
PLATFORM_ARCH
PLATFORM_OS
PLATFORM_LIBS_PATH
PLATFORM_CXX
  
```

```

PLATFORM_DEFINES
OF_USING_GTK
OF_USING_MPG123
  
```

```

PLATFORM_CFLAGS
-Wall
-march=armv7
-mtune=cortex-a8
-mfpu=neon
-mfloat-abi=hard
-fPIC
-ftree-vectorize
-Wno-psabi
-pipe
-finline-functions
  
```

```

PLATFORM CORE EXCLUSIONS
$(OF_LIBS_PATH)/openFrameworks/video/ofQtUtils.cpp
$(OF_LIBS_PATH)/openFrameworks/video/
ofQuickTimeGrabber.cpp
$(OF_LIBS_PATH)/openFrameworks/video/
ofQuickTimePlayer.cpp
$(OF_LIBS_PATH)/openFrameworks/video/
ofDirectShowGrabber.cpp
$(OF_LIBS_PATH)/openFrameworks/app/
ofAppGlutWindow.cpp
...
$(OF_LIBS_PATH)/glew/%
$(OF_LIBS_PATH)/glu/include_android/%
...
  
```

The include flag -I is
prefixed automatically.

```

PLATFORM_LIBRARIES
GL
glut
freeimage
  
```

Need syntax example
(/usr/lib/libusb.a)?

The library flag -l is
prefixed automatically.

```

PLATFORM_PKG_CONFIG_LIBRARIES
jack
glu
cairo
zlib
gstreamer-app-0.10
...
  
```

Need syntax example
(/opt/local/lib)?

The library search flag -L is
prefixed automatically.

Currently
Disabled

These will override the
architecture vars generated
by configure.platform.make

Darwin/OSX only

searches
libs/openFrameworks for .cpp files

removes exclusions for this platform

(internal use only) searches libs
directory for folders named "include"

ALL OF CORE THIRDPARTY HEADER_PATHS with
\$(CORE_EXCLUSIONS) removed

PLATFORM_HEADER_SEARCH_PATHS
PLATFORM_PKG_CONFIG_LIBRARIES
OF_CORE_THIRDPARTY_HEADER_PATHS
OF_CORE_HEADER_PATHS
with -I prefix added

config.make (part 2)	example values
CORE_EXCLUSIONS	../../../../libs/openFrameworks/app/ofAppGlutWindow.cpp
\$(strip \$(PLATFORM_CORE_EXCLUSIONS))	...
ALL_OF_CORE_SOURCE_PATHS	../../../../libs/openFrameworks/events
	../../../../libs/openFrameworks/types
OF_CORE_SOURCE_PATHS	../../../../libs/openFrameworks/events
\$(filter-out \$(CORE_EXCLUSIONS),\$(ALL_OF_CORE_SOURCE_PATHS))	../../../../libs/openFrameworks/types
OF_CORE_HEADER_PATHS	../../../../libs/openFrameworks
\$(OF_LIBS_OPENFRAMEWORKS_PATH) \$(OF_CORE_SOURCE_PATHS)	../../../../libs/openFrameworks/events
ALL_OF_CORE_THIRDPARTY_HEADER_PATHS	../../../../libs/FreeImage/include
	../../../../libs/assimp/include
OF_CORE_THIRDPARTY_HEADER_PATHS	../../../../libs/cairo/include
	../../../../libs/cairo/include/cairo
OF_CORE_INCLUDES_CFLAGS	-I/opt/vc/include
	-I/usr/include/cairo
OF_CORE_DEFINES_CFLAGS	-DTARGET_NO_SOUND
PLATFORM_DEFINES with -D prefix added	-DTARGET_NO_GLUT
OF_CORE_BASE_CFLAGS	-march=armv6
PLATFORM_CFLAGS	-mfpu=vfp