Subject: Re: compile on one operating system for another
Posted by Novo on Thu, 13 Mar 2025 20:42:08 GMT
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Tom1 wrote on Thu, 13 March 2025 11:10Hi Novo,

You mean from within TheIDE using clang? Would you like to share the details on how to do that, maybe even bm file(s)?

Best regards,

Tom
Hi Tom,

I use llvm-mingw.
I use llvm-mingw with umk to compile with a buildbot service in my homelab and with TheIDE to compile on desktop.
Below is a bm file from the buildbot service.

```
BUILDER = "CLANG";
COMPILER = "x86_64-w64-mingw32-clang++";
COMMON_OPTIONS = "";
COMMON_CPP_OPTIONS = "-Wall -Wno-logical-op-parentheses -std=c++17";
COMMON_C_OPTIONS = "";
COMMON_LINK = "";
COMMON_FLAGS = "WIN32";
DEBUG_INFO = "2";
DEBUG_BLITZ = "1";
DEBUG_LINKMODE = "1";
DEBUG_OPTIONS = "-O0";
DEBUG_FLAGS = "";
DEBUG_LINK = "";
RELEASE_BLITZ = "1";
RELEASE_LINKMODE = "1";
RELEASE_OPTIONS = "-O3 -ffunction-sections -fdata-sections";
RELEASE_FLAGS = "";
RELEASE_LINK = "-Wl,--gc-sections";
DEBUGGER = "gdb";
ALLOW_PRECOMPILED_HEADERS = "0";
DISABLE_BLITZ = "0";
PATH =
"/home/buildbot/.local/soft/llvm-mingw/git/bin;/home/buildbot/.local/soft/llvm-mingw/git/x86_64-w64
-mingw32/bin;/home/buildbot/.local/soft/upp/2022.2/SDL2/lib/x64;/home/buildbot/.local/soft/upp/20
22.2/pgsql/x64/bin;/home/buildbot/.local/soft/upp/2022.2/mysql/lib64;";
INCLUDE =
"/home/buildbot/.local/soft/upp/2022.2/SDL2/include;/home/buildbot/.local/soft/upp/2022.2/pgsql/x
64/include;/home/buildbot/.local/soft/upp/2022.2/mysql/include;/home/buildbot/.local/soft/upp/2022
.2/openssl/include;";
LIB =
```

"/home/buildbot/.local/soft/upp/2022.2/SDL2/lib/x64;/home/buildbot/.local/soft/upp/2022.2/pgsql/x64/lib;/home/buildbot/.local/soft/upp/2022.2/mysql/lib64;/home/buildbot/.local/soft/upp/2022.2/openssl/lib64;";
LINKMODE_LOCK = "0";

I wrote a tiny tool to generate bm files for all configurations I use.
