

## Beyond Linux From Scratch 13.0

### LLVM.ORG 21.1.8

```
mkdir blfs-llvm && cd blfs-llvm
CC=gcc CXX=g++ cmake
\
-DMAKE_INSTALL_PREFIX=/usr           -DCMAKE_SKIP_INSTALL_RPATH=ON
\
-DLLVM_ENABLE_FFI=ON                 -DCMAKE_BUILD_TYPE=Release
\
-DLLVM_BUILD_LLVM_DYLIB=ON           -DLLVM_LINK_LLVM_DYLIB=ON
\
-DLLVM_ENABLE_RTTI=ON                -DLLVM_TARGETS_TO_BUILD="host"
\
-DLLVM_ENABLE_PROJECTS="clang;lld"   -DLLVM_CCACHE_BUILD=ON
\
-DLLVM_BINUTILS_INCDIR=/usr/include -DLLVM_INCLUDE_BENCHMARKS=OFF
\
-DCLANG_DEFAULT_PIE_ON_LINUX=ON      -
DCLANG_CONFIG_FILE_SYSTEM_DIR=/etc/clang \
-W no-dev -G Ninja ../llvm
```

clang, lld

```
cmake \
-DMAKE_C_COMPILER=clang               -DCMAKE_CXX_COMPILER=clang++
\
-DMAKE_LINKER_TYPE=LLD                -DCMAKE_INSTALL_PREFIX=/usr
\
-DLLVM_ENABLE_FFI=ON                  -DCMAKE_SKIP_INSTALL_RPATH=ON
\
-DCMAKE_BUILD_TYPE=Release            -DLLVM_BUILD_LLVM_DYLIB=ON
\
-DLLVM_LINK_LLVM_DYLIB=ON             -DMLIR_LINK_MLIR_DYLIB=ON
\
-DLLVM_ENABLE_RTTI=ON                 -DLLVM_ENABLE_PROJECTS="all"
\
-DLLVM_BINUTILS_INCDIR=/usr/include  -DLLVM_INCLUDE_BENCHMARKS=OFF
\
-DCLANG_DEFAULT_PIE_ON_LINUX=ON      -
DCLANG_CONFIG_FILE_SYSTEM_DIR=/etc/clang \
-DLLVM_PARALLEL_{COMPILE,LINK,TABLEGEN}_JOBS=12
\
-DLIBCLC_TARGETS_TO_BUILD="clspv--;clspv64--;nvptx--;nvptx64--;nvptx--
nvidiacl;nvptx64--nvidiacl"
-DLLVM_TARGETS_TO_BUILD="host;AMDGPU;BPF;NVPTX;SPIRV;WebAssembly;X86"
\
```

```
-DCMAKE_CCACHE_ENABLE=ON -Wno-dev -G Ninja  
\n../llvm
```

From:

<https://www.gamu.kr/dokuwiki/> -

Permanent link:

<https://www.gamu.kr/dokuwiki/beyondlinuxfromscratch/12.4/llvm?rev=1776124037>

Last update: **2026/04/13 23:47**

