
Subject: Re: theide with libclang
Posted by [Tom1](#) on Sun, 02 Oct 2022 17:03:16 GMT
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Hi,

The same here, no help from USEMALLOC on Linux Mint 21.

As I just updated from GIT, I received also compilation issues:

----- ide/clang (GUI CLANG SHARED POSIX LINUX) (22 / 40)

libclang.cpp

clang.cpp

/home/tom/upp.src/uppsrc/ide/clang/clang.cpp:181:3: error: unknown type name

'CXDiagnosticSet'; did you mean 'CXDiagnostic'?

CXDiagnosticSet set = clang_getChildDiagnostics(diagnostic);

^~~~~~

CXDiagnostic

/home/tom/upp.src/uppsrc/ide/clang/libclang.h:1919:15: note: 'CXDiagnostic' declared here

typedef void *CXDiagnostic;

^

/home/tom/upp.src/uppsrc/ide/clang/clang.cpp:181:25: error: use of undeclared identifier

'clang_getChildDiagnostics'; did you mean 'clang_getNumDiagnostics'?

CXDiagnosticSet set = clang_getChildDiagnostics(diagnostic);

^~~~~~

clang_getNumDiagnostics

/home/tom/upp.src/uppsrc/ide/clang/libclang.h:1992:10: note: 'clang_getNumDiagnostics' declared here

unsigned clang_getNumDiagnostics(CXTranslationUnit Unit);

^

/home/tom/upp.src/uppsrc/ide/clang/clang.cpp:181:51: error: cannot initialize a parameter of type 'CXTranslationUnit' (aka 'CXTranslationUnitImpl *') with an lvalue of type 'CXDiagnostic' (aka 'void *')

CXDiagnosticSet set = clang_getChildDiagnostics(diagnostic);

^~~~~~

/home/tom/upp.src/uppsrc/ide/clang/libclang.h:1992:52: note: passing argument to parameter 'Unit' here

unsigned clang_getNumDiagnostics(CXTranslationUnit Unit);

^

/home/tom/upp.src/uppsrc/ide/clang/clang.cpp:182:11: error: use of undeclared identifier

'clang_getNumDiagnosticsInSet'; did you mean 'clang_getNumDiagnostics'?

int n = clang_getNumDiagnosticsInSet(set);

^~~~~~

clang_getNumDiagnostics

/home/tom/upp.src/uppsrc/ide/clang/libclang.h:1992:10: note: 'clang_getNumDiagnostics' declared here

unsigned clang_getNumDiagnostics(CXTranslationUnit Unit);

^

/home/tom/upp.src/uppsrc/ide/clang/clang.cpp:182:40: error: cannot initialize a parameter of type

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'CXTranslationUnit' (aka 'CXTranslationUnitImpl *') with an lvalue of type 'CXDiagnostic' (aka 'void
*')
    int n = clang_getNumDiagnosticsInSet(set);
                                ^~~
/home/tom/upp.src/uppsrc/ide/clang/libclang.h:1992:52: note: passing argument to parameter
'Unit' here
unsigned clang_getNumDiagnostics(CXTranslationUnit Unit);
                                ^
/home/tom/upp.src/uppsrc/ide/clang/clang.cpp:184:21: error: use of undeclared identifier
'clang_getDiagnosticInSet'; did you mean 'clang_getDiagnostic'?
    CXDiagnostic d = clang_getDiagnosticInSet(set, i);
                        ^~~~~~
                        clang_getDiagnostic
/home/tom/upp.src/uppsrc/ide/clang/libclang.h:1993:14: note: 'clang_getDiagnostic' declared here
CXDiagnostic clang_getDiagnostic(CXTranslationUnit Unit, unsigned Index);
    ^
/home/tom/upp.src/uppsrc/ide/clang/clang.cpp:184:46: error: cannot initialize a parameter of type
'CXTranslationUnit' (aka 'CXTranslationUnitImpl *') with an lvalue of type 'CXDiagnostic' (aka 'void
*')
    CXDiagnostic d = clang_getDiagnosticInSet(set, i);
                                ^~~
/home/tom/upp.src/uppsrc/ide/clang/libclang.h:1993:52: note: passing argument to parameter
'Unit' here
CXDiagnostic clang_getDiagnostic(CXTranslationUnit Unit, unsigned Index);
                                ^
7 errors generated.
/home/tom/upp.src/uppsrc/ide/clang/libclang.cpp:242:1: error: unknown type name
'CXDiagnosticSet'; did you mean 'CXDiagnostic'?
CXDiagnosticSet clang_getChildDiagnostics(CXDiagnostic d)
^~~~~~
CXDiagnostic
/home/tom/upp.src/uppsrc/ide/clang/libclang.h:1919:15: note: 'CXDiagnostic' declared here
typedef void *CXDiagnostic;
    ^
/home/tom/upp.src/uppsrc/ide/clang/libclang.cpp:244:20: error: no member named
'clang_getChildDiagnostics' in 'T_LibClang'; did you mean 'clang_disposeDiagnostic'?
    return LibClang().clang_getChildDiagnostics(d);
                        ^~~~~~
                        clang_disposeDiagnostic
/home/tom/upp.src/uppsrc/ide/clang/clang.dli:50:10: note: 'clang_disposeDiagnostic' declared
here
FN(void, clang_disposeDiagnostic, (CXDiagnostic Diagnostic))
    ^
/home/tom/upp.src/uppsrc/ide/clang/libclang.cpp:244:9: error: cannot initialize return object of type
'CXDiagnostic' (aka 'void *') with an rvalue of type 'void'
    return LibClang().clang_getChildDiagnostics(d);
        ^~~~~~
/home/tom/upp.src/uppsrc/ide/clang/libclang.cpp:247:39: error: unknown type name

```

```

'CXDiagnosticSet'; did you mean 'CXDiagnostic'?
unsigned clang_getNumDiagnosticsInSet(CXDiagnosticSet diags)
      ^~~~~~
      CXDiagnostic
/home/tom/upp.src/uppsrc/ide/clang/libclang.h:1919:15: note: 'CXDiagnostic' declared here
typedef void *CXDiagnostic;
      ^
/home/tom/upp.src/uppsrc/ide/clang/libclang.cpp:249:20: error: no member named
'clang_getNumDiagnosticsInSet' in 'T_LibClang'
    return LibClang().clang_getNumDiagnosticsInSet(diags);
           ~~~~~^
/home/tom/upp.src/uppsrc/ide/clang/libclang.cpp:252:39: error: unknown type name
'CXDiagnosticSet'; did you mean 'CXDiagnostic'?
CXDiagnostic clang_getDiagnosticInSet(CXDiagnosticSet diags, unsigned index)
      ^~~~~~
      CXDiagnostic
/home/tom/upp.src/uppsrc/ide/clang/libclang.h:1919:15: note: 'CXDiagnostic' declared here
typedef void *CXDiagnostic;
      ^
/home/tom/upp.src/uppsrc/ide/clang/libclang.cpp:254:20: error: no member named
'clang_getDiagnosticInSet' in 'T_LibClang'
    return LibClang().clang_getDiagnosticInSet(diags, index);
           ~~~~~^

```

7 errors generated.

ide/clang: 2 file(s) built in (0:03.45), 1726 msec / file

There were errors. (0:03.48)

Best regards,

Tom
