
Subject: Re: theide with libclang
Posted by [Klugier](#) on Sun, 25 Sep 2022 13:47:13 GMT
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Hello Lance,

OK, I see where the problem is. We are dynamically loading libclang without notify the user about the actions of this operation. It must change and in situation when we do not detect it we should show error and siabled parsing...

Here is the code in TheIDE (ide/main.cpp):

```
#ifdef PLATFORM_POSIX
void TryLoadLibClang() // Should return bool...
{
    String libdir = TrimBoth(Sys("llvm-config --libdir"));
    if(LoadLibClang(libdir + "/libclang.so"))
        return;
    if(LoadLibClang("/usr/lib/libclang.so"))
        return;
    for(int i = 20; i >= 10; i--)
        if(LoadLibClang("/usr/lib/llvm-" + AsString(i) + "/lib/libclang.so"))
            return;
}
#endif

#ifdef flagMAIN
GUI_APP_MAIN
#else
void AppMain____()
#endif
{
#ifdef PLATFORM_POSIX
    TryLoadLibClang(); // If it fails... just notrml execution without any notification or error. However
user will now if libclang is configgured correctly?
#endif
    // Above operation fails and we are starting to use libclang, it can not end good...
```

The above code must be fixed and then you can try to run TheIDE. If you do not have correctly set libclang then you should see the error.

Edit: In general I assume that for your configuration there is a problem with finding libclang.so and lack of this library is causing crash.

Klugier
