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Subject: Re: theide with libclang, first milestone finished

Posted by [mirek](#) on Mon, 15 Aug 2022 08:44:33 GMT

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So I guess I have reached another (and sort of final) milestone - for more than week I am now working with theide with clang based navigator (that means, it is running 'indexer' in background - the code that continually maintains the database of the whole project). BTW, it takes 20 seconds to reindex theide sources on my machine - BLITZ and 16 cores in action....

Not everything is happy valley though, theide requires far more powerful HW than before. Reindexing consumes a lot of memory (around 6GB) - that is understandable considering we are running 32 C++ compilers in parallel to do it. Also autocomplete is sort of lazy in large projects as compared to my in-house parser, but that is the price to pay I guess...

There is a lot of things to fix and mature yet, my defect list has around 70 entries... Simultaneously, I will be adding nice new shiny features; new theide already got "Search for usages" that seems to be pretty useful.

I have also changed win32 nightly to contain all .dll and headers to be able to compile this llbm\_ide branch directly, all you need to make sure is that new ide.exe is placed into the same directory as installed one (you can actually even use "Setup/Upgrade theide.." I think).

The remaining major issue is how to install this in linux....

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