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Subject: Re: theide with libclang, first milestone finished

Posted by [mirek](#) on Mon, 11 Jul 2022 16:40:24 GMT

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OK, so I have tried to install llvm-14 in my linux distro and linked theide with its libclang - and things started to work even with preamble, totally fine, fast, just as in Windows (except some fixing of include paths to get autocomplete of std:: stuff, but nothing serious; that part is under development anyway).

(Note - if you wonder why I am speaking about preamble so much - preamble is a flag that you give to libclang that makes it create implicit precompiled header in the first file parse. This is very important for autocomplete because we do that parse in background thread and when user needs the autocomplete, all is ready and fast. So it is really important for comfort - using preamble, autocomplete is almost instant (~400ms). Without it can take 1-5 seconds to popup).

So my conclusion: I will only use preamble only when I detect libclang 14, I do not care about outdated distros. Autocomplete will be slow if libclang 14 is not available.

Latest ubuntu has 14, so... Maybe one last thing to try is whether libclang 13 works, if somebody has time to test.

This will be hell in the installation script (to get the most fresh libclang for given distro or even disable libclang completely), but what can we do...

I really would appreciate help with installation script BTW!

Mirek

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