Subject: Re: Gearing up for 2022.1 release...
Posted by mirek on Sun, 03 Apr 2022 17:36:07 GMT

Klugier wrote on Sun, 03 April 2022 15:43Hello Mirek,

I also proposed bumping C++ standard from c++14 to c++17. However, this could be done in the next release. There are a lot of risks here in context of compilation on various platforms.

Even if we do not have any features that particularly targets c++17 we should compile with that standard and our users should have access to it by default. Also, maybe this is a bug, but for MSVC we do not force any standard. It is always latest. I think it should change and we should target exactly the same standard as for GCC and CLANG.

Klugier

Yeeah, I was thinking about it a lot, problem is we have so far universal package for Posixes and we are not 100% sure c++17 compliant compiler is there. I think we would need to add detection code before adding -std=c++17 to options, which is sort of complicated and quirky.