Subject: How to set compiler options to a package
Posted by koldo on Thu, 11 Jul 2024 18:51:20 GMT
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Hi all

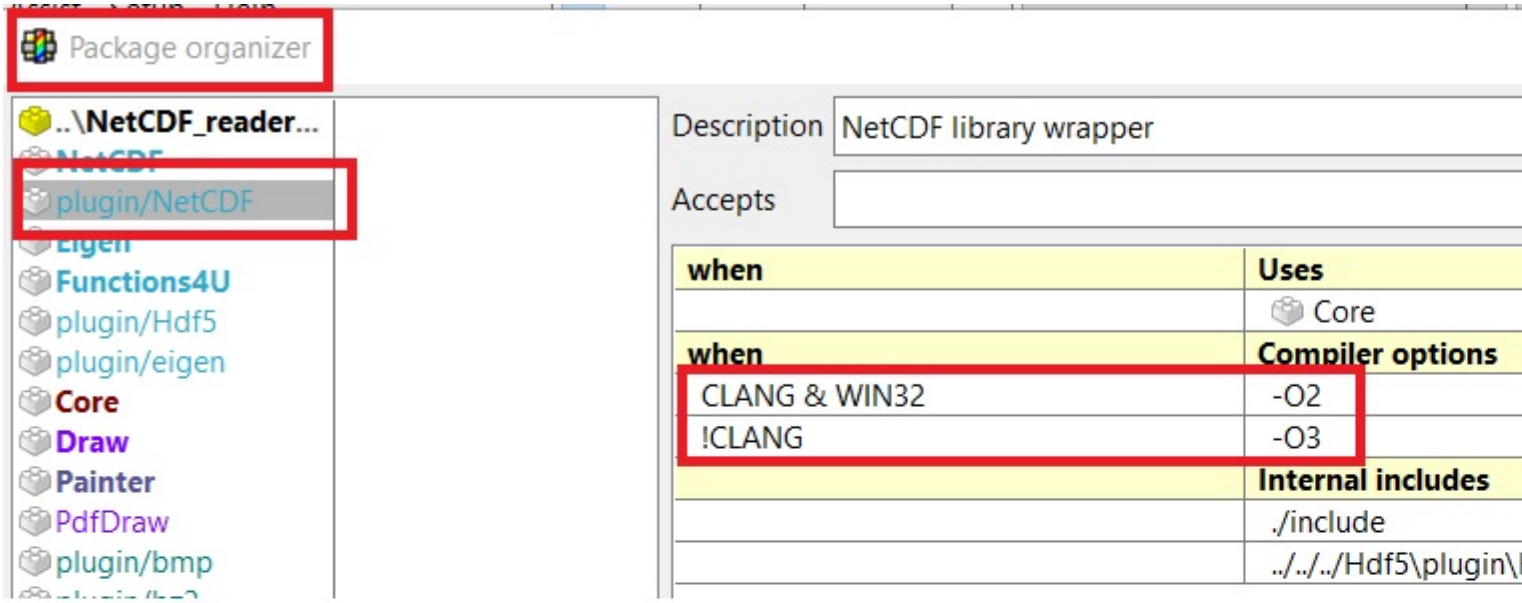
I wanted to ask you how to apply some compile parameters to only one package, and let the rest compile with the options in the configuration.

When compiling the NetCDF libraries in Release mode, I noticed that, having "-O3" they don't work properly when I do it with CLANG in Windows. However, with "-O2", the programs work. This problem does not happen with CLANG on Linux or with MSC on Windows.
I show you in the picture what I tried to do, but it doesn't work.

Thank you very much.

File Attachments

1) Untitled.jpg, downloaded 851 times



Subject: Re: How to set compiler options to a package
Posted by koldo on Mon, 15 Jul 2024 15:13:45 GMT
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Compiling with "Be verbose" a NetCDF source, shows:

... -O0 -fexceptions -O3 ...
It is like first the "Package Organiser/Compiler options" are set, and later the "Setup/Build methods".
Would it be possible that the "Package Organiser/Compiler options" would overlap the "Setup/Build methods"?

Subject: Re: How to set compiler options to a package
Posted by koldo on Mon, 29 Jul 2024 11:38:01 GMT
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As the "Setup/Build methods" options override the "Package Organiser/Compiler options", I have tried successfully other option, that is to set this in the sources of the problematic code:

#if defined(__clang__) && (defined(_WIN32) || defined(_WIN64))
#pragma clang optimize off
#endifI haven't found an intermediate option, but this saves the day.