Subject: problems compiling nightly on MSVS2019/2017 nested lambda's
Posted by Typhoor on Thu, 22 Apr 2021 13:40:04 GMT

Hi fellow developers,
Am I the only one having problems on the "nightly" github code with MSVS 2019/2019?
Since early of the year I get compiling errors on lambdas in lambdas with MSVS 2019/2017
(debug/release)
error C2059: syntax error: '.'
error C2143; syntax error: missing ';' before '{'
error C2059: syntax error: ')'

In two files:
uppsrc\ide\Designers\md.cpp line 18 in "IdeMDDes::IdeMDDes()"
editor << [=] { tm.KillSet(250, [=] { Preview(); }); };
and uppsrc\ide\UppHub.cpp line 85 in "UppHubDlg::UppHubDlg()"
tm.KillPost([=] { UrlLoading(); });included in list.WhenSel = [=] { ... }
I checked all over forum but couldn't find a hit.

Has support of MSVS been discontinued ?
I'm using newest MSVS compilers (VS19 = 16.9.4)

Thanx for a hint...
Ralph

Subject: Re: problems compiling nightly on MSVS2019/2017 nested lambda's
Posted by mirek on Sun, 25 Apr 2021 06:13:20 GMT

Thank you! We completely missed that (CLANG is too good to use MSVC...).

It looks like compiler bug - I guess that MSVC finds struct tm and somehow tries to use it in
lambda as variable. It is easy to workaround though (just renamed tm to delay).

Trunk should now compile..

Miek