Subject: MtRpcServer package compilation fail
Posted by Xemuth on Fri, 11 Dec 2020 13:06:03 GMT
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MtRpcServer/MtRpcServer.cpp:75 :

Actual :
static BOOL WINAPI CtrlCHandlerRoutine(__in DWORD dwCtrlType)

Should be :
static BOOL WINAPI CtrlCHandlerRoutine(DWORD dwCtrlType)

Explanation : When compiling with CLANG, compilation fail in __in (which is not declared) :
C:\Upp\upp\reference\MtRpcServer\MtRpcServer.cpp (76): error: unknown type name '__in'

if we look at __in declaration(for CLANG) : upp/bin/clang/include/sal.h:262
We see this block of code : /* FIXME: __in macro conflicts with argument names in libstdc++. For this reason,
 * we disable it for C++. This should be fixed in libstdc++ so we can uncomment
 * it in fixed version here. */
#if !defined(__cplusplus) || !defined(__GNUC__)
#define __in
#define __out
#endif

The __in declaration have no purpose on compilation, it only serve to mark which args are input(got info from here)
of course, no problem when compiling with MSVS.