Subject: Compiler/Linker options
Posted by slud on Sat, 07 Mar 2009 22:52:51 GMT
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How can I change compiler/linker options? For instance I'd like to change from -MTd to -MDd? I did a lot of search but found nothing about it.

Subject: Re: Compiler/Linker options
Posted by mirek on Sat, 07 Mar 2009 23:55:16 GMT
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In "Project/Package organizer".

Right click right panes and you can add linker/compiler options for packages and/or files.

Mirek

Subject: Re: Compiler/Linker options
Posted by slud on Sun, 08 Mar 2009 00:50:47 GMT
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I can't change it with package organizer because it's still being overriden with -MTd at compilation time Moreover I'd like to take full controll on these all parameters.

Subject: Re: Compiler/Linker options
Posted by mirek on Sun, 08 Mar 2009 08:26:52 GMT
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It is true that there are some options forced by current compilation mode. However, any options submitted by package organizer are on commandline placed *after* those "defualt" options, means they should override "automatic" options.

BTW, activate Setup/Verbose mode to see what is really being sent to compiler/linker.

Mirek

Subject: Re: Compiler/Linker options
Posted by slud on Sun, 08 Mar 2009 09:17:03 GMT
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Unfortunately options from package organizer are passed before default ones. I've got line -MDd

in compiler options and the output is:
...
cl : Command line warning D9025 : overriding '/MDd' with '/MTd'
...
... -DbmMINUTE=48 -DbmSECOND=30 -EHsc -Zi -MDd -MTd -Od -Gy ...

It's not like I've just run upp stucked on something and put questions I'm after several hours of tries, reading manuals (maybe not to carefuly) and forum

Maybe I'll try to be more specific. I want to build and app that uses COLLADA DOM (current ver. is 2.2 but I'm still using a little older one, so the setup might be little different). I've already added include and library directories, added libs in package organizer and so on, but I've stucked on linking it together. I've got problems with some already defined symbols when linking, and that depends on runtime - collada dom was built using MDd, so I think the -MTd option might be an issue. In the COLLADA DOM are libraries that were built using VS 2008. I've successfuly built same project in visual studio and since I'm using MS VS9 compiler on TheIde I thought that analyzing compiler and linker command line options and makind them similar could solve the problem.

I attach some output strings:
/*

---------- THIS IS THE COMPILER COMMAND LINE FROM VS 2008 ----------
/Od /I "E:\magazyn\coding\colladadom-source\dom\include\1.4" /I
"E:\magazyn\coding\colladadom-source\dom\include"
/D "WIN32" /D "_DEBUG" /D "_CONSOLE" /D "_UNICODE" /D "UNICODE"
/Gm /EHsc /RTC1 /MDd /Fo"Debug\\" /Fd"Debug\vc90.pdb" /W3 /c /ZI /TP /errorReport:prompt

---------- THIS IS THE COMPILER COMMAND LINE FROM TheIDE ----------
E:\programy\msvs9\Vc\Bin\cl.exe -nologo -W3 -GR -c
-I"e:\temp\upp" -I"e:\programy\upp\uppsrc"
-I"E:\programy\msvs9\Vc\Include"
-I"C:\Program Files\Microsoft SDKs\Windows\v6.0A\Include"
-I"E:\cd\dom\include"
-I"E:\cd\dom\include\1.4"
-DflagGUI -DflagMAIN -DflagMSC9 -DflagDEBUG -DflagDEBUG_FULL -DflagBLITZ -DflagWIN32
-DflagMSC -DbmYEAR=2009 -DbmMONTH=3 -DbmDAY=7
 -DbmHOUR=19 -DbmMINUTE=35 -DbmSECOND=52 -EHsc -Zi -MTd -Od -Gy
-Fd"e:/programy/upp/out/Test001/MSC9.Debug.Debug_full.Gui.Main\Test001-1.pdb" -Tp
"e:\temp\upp\Test001\GuiMyApp.cpp"
  -Fo"e:/programy/upp/out/Test001/MSC9.Debug.Debug_full.Gui.Main\GuiMyApp.obj"

---------- THIS IS THE LINKER COMMAND LINE FROM VS 2008 ----------
/OUT:"G:\mgr\colldomvs9\Debug\CollDom.exe" /INCREMENTAL /NOLOGO
/LIBPATH:"E:\magazyn\coding\colladadom-source\dom\external-libs\pcre\lib\vc9"
/LIBPATH:"E:\magazyn\coding\colladadom-source\dom\external-libs\libxml2\win32\lib"

/LIBPATH:"E:\magazyn\coding\colladadom-source\dom\build\vc9-1.4-d" /MANIFEST
/MANIFESTFILE:"Debug\CollDom.exe.intermediate.manifest" /MANIFESTUAC:"level='asInvoker'
uiAccess='false'"
/NODEFAULTLIB:"msvcrt" /DEBUG /PDB:"g:\mgr\colldomvs9\Debug\CollDom.pdb"
/SUBSYSTEM:CONSOLE
/DYNAMICBASE /NXCOMPAT /MACHINE:X86 /ERRORREPORT:PROMPT
libcollada14dom21-sd.lib libxml2_a.lib zlib.lib wsock32.lib pcre-d.lib pcrecpp-d.lib
kernel32.lib user32.lib gdi32.lib winspool.lib comdlg32.lib advapi32.lib shell32.lib ole32.lib
oleaut32.lib uuid.lib odbc32.lib odbccp32.lib

---------- THIS IS THE LINKER COMMAND LINE FROM TheIDE ----------
link -nologo -machine:I386 -pdb:"e:\programy\upp\out\MSC9.Debug.Debug_full.Gui\Test001.pdb"
-out:"e:\programy\upp\out\MSC9.Debug.Debug_full.Gui\Test001.exe" -incremental:yes -debug
-OP
T:NOREF -subsystem:windows -LIBPATH:"E:\programy\msvs9\Vc\Lib" -LIBPATH:"C:\Program
Files\Microsoft SDKs\Windows\v6.0A\Lib" -LIBPATH:"E:\cd\dom\build\vc9-1.4-d" "e:\prog
ramy\upp\out\Test001\MSC9.Debug.Debug_full.Gui.Main\GuiMyApp.obj"
"e:\programy\upp\out\Test001\MSC9.Debug.Debug_full.Gui.Main\main.obj"
"e:\programy\upp\out\CtrlLib\MSC9.Debug.Debu
g_full.Gui\CtrlLib.obj" "e:\programy\upp\out\CtrlLib\MSC9.Debug.Debug_full.Gui\$blitz.obj"
"e:\programy\upp\out\CtrlLib\MSC9.Debug.Debug_full.Gui\ChWin32.obj" "e:\programy\upp\out\
CtrlCore\MSC9.Debug.Debug_full.Gui\CtrlCore.obj" "C:\Program Files\Microsoft
SDKs\Windows\v6.0A\Lib\advapi32.lib" "C:\Program Files\Microsoft
SDKs\Windows\v6.0A\Lib\comdlg32.lib" "
C:\Program Files\Microsoft SDKs\Windows\v6.0A\Lib\comctl32.lib"
"e:\programy\upp\out\CtrlCore\MSC9.Debug.Debug_full.Gui\$blitz.obj"
"e:\programy\upp\out\RichText\MSC9.Debug.Debug_f
ull.Gui\RichImage.obj" "e:\programy\upp\out\RichText\MSC9.Debug.Debug_full.Gui\$blitz.obj"
"C:\Program Files\Microsoft SDKs\Windows\v6.0A\Lib\user32.lib" "C:\Program Files\Microsof
t SDKs\Windows\v6.0A\Lib\gdi32.lib"
"e:\programy\upp\out\Draw\MSC9.Debug.Debug_full.Gui\$blitz.obj"
"e:\programy\upp\out\plugin\bmp\MSC9.Debug.Debug_full.Gui\BmpReg.obj" "e:\progra
my\upp\out\plugin\bmp\MSC9.Debug.Debug_full.Gui\$blitz.obj" "C:\Program Files\Microsoft
SDKs\Windows\v6.0A\Lib\kernel32.lib" "C:\Program Files\Microsoft SDKs\Windows\v6.0A\Lib\user
32.lib" "C:\Program Files\Microsoft SDKs\Windows\v6.0A\Lib\advapi32.lib" "C:\Program
Files\Microsoft SDKs\Windows\v6.0A\Lib\shell32.lib" "C:\Program Files\Microsoft
SDKs\Windows\v6
.0A\Lib\winmm.lib" "C:\Program Files\Microsoft SDKs\Windows\v6.0A\Lib\mpr.lib"
"e:\programy\upp\out\Core\MSC9.Debug.Debug_full.Gui\$blitz.obj"
"e:\programy\upp\out\Core\MSC9.Debug.
Debug_full.Gui\OL_Set.obj"
"e:\programy\upp\out\Core\MSC9.Debug.Debug_full.Gui\heaputil.obj"
"e:\programy\upp\out\Core\MSC9.Debug.Debug_full.Gui\lheap.obj" "e:\programy\upp\out\Cor
e\MSC9.Debug.Debug_full.Gui\heap.obj"
"e:\programy\upp\out\Core\MSC9.Debug.Debug_full.Gui\heapdbg.obj"
"e:\programy\upp\out\plugin\z\MSC9.Debug.Debug_full.Gui\adler32.obj" "e:\prog
ramy\upp\out\plugin\z\MSC9.Debug.Debug_full.Gui\compress.obj"

"e:\programy\upp\out\plugin\z\MSC9.Debug.Debug_full.Gui\crc32.obj"
"e:\programy\upp\out\plugin\z\MSC9.Debug.Debug_full
.Gui\deflate.obj" "e:\programy\upp\out\plugin\z\MSC9.Debug.Debug_full.Gui\gzio.obj"
"e:\programy\upp\out\plugin\z\MSC9.Debug.Debug_full.Gui\infblock.obj"
"e:\programy\upp\out\plugi
n\z\MSC9.Debug.Debug_full.Gui\infcodes.obj"
"e:\programy\upp\out\plugin\z\MSC9.Debug.Debug_full.Gui\inffast.obj"
"e:\programy\upp\out\plugin\z\MSC9.Debug.Debug_full.Gui\inflate.obj
" "e:\programy\upp\out\plugin\z\MSC9.Debug.Debug_full.Gui\inftrees.obj"
"e:\programy\upp\out\plugin\z\MSC9.Debug.Debug_full.Gui\infutil.obj"
"e:\programy\upp\out\plugin\z\MSC9.Debu
g.Debug_full.Gui\trees.obj"
"e:\programy\upp\out\plugin\z\MSC9.Debug.Debug_full.Gui\uncompr.obj"
"e:\programy\upp\out\plugin\z\MSC9.Debug.Debug_full.Gui\zutil.obj" "e:\programy\upp
\out\plugin\png\MSC9.Debug.Debug_full.Gui\pngreg.obj"
"e:\programy\upp\out\plugin\png\MSC9.Debug.Debug_full.Gui\pnglib.obj"
"e:\programy\upp\out\plugin\png\MSC9.Debug.Debug_full.Gu
i\pngupp.obj" "E:\cd\dom\build\vc9-1.4-d\libcollada14dom21-sd.lib"
msvcprtd.lib(MSVCP90D.dll) : error LNK2005: "public: __thiscall std::basic_string<char,struct
std::char_traits<char>,class std::allocator<char> >::basic_string<char,struct std::char_tr
aits<char>,class std::allocator<char> >(class std::basic_string<char,struct
std::char_traits<char>,class std::allocator<char> > const &)"
(??0?$basic_string@DU?$char_traits@D@std@@
V?$allocator@D@2@@std@@QAE@ABV01@@Z) already defined in libcpmtd.lib(string.obj)
msvcprtd.lib(MSVCP90D.dll) : error LNK2005: "public: __thiscall std::basic_string<char,struct
std::char_traits<char>,class std::allocator<char> >::~basic_string<char,struct std::char_t
raits<char>,class std::allocator<char> >(void)"
(??1?$basic_string@DU?$char_traits@D@std@@V?$allocator@D@2@@std@@QAE@XZ)
already defined in GuiMyApp.obj
msvcprtd.lib(MSVCP90D.dll) : error LNK2005: "public: char const * __thiscall
std::basic_string<char,struct std::char_traits<char>,class std::allocator<char> >::c_str(void)const "
(?c_s
tr@?$basic_string@DU?$char_traits@D@std@@V?$allocator@D@2@@std@@QBEPBDXZ)
already defined in GuiMyApp.obj
msvcprtd.lib(MSVCP90D.dll) : error LNK2005: "public: __thiscall std::basic_string<char,struct
std::char_traits<char>,class std::allocator<char> >::basic_string<char,struct std::char_tr
aits<char>,class std::allocator<char> >(char const *)"
(??0?$basic_string@DU?$char_traits@D@std@@V?$allocator@D@2@@std@@QAE@PBD@
Z) already defined in GuiMyApp.obj
msvcprtd.lib(MSVCP90D.dll) : error LNK2005: "void __cdecl std::_Debug_message(wchar_t const
*,wchar_t const *,unsigned int)" (?_Debug_message@std@@YAXPB_W0I@Z) already defined in
GuiMy
App.obj
msvcprtd.lib(MSVCP90D.dll) : error LNK2005: "public: __thiscall
std::_Container_base_secure::~_Container_base_secure(void)"
(??1_Container_base_secure@std@@QAE@XZ) already defined in G
uiMyApp.obj
msvcprtd.lib(MSVCP90D.dll) : error LNK2005: "public: void __thiscall

```
std::_Container_base_secure::_Orphan_all(void)const "
(?_Orphan_all@_Container_base_secure@std@@QBEXXZ) already def
 ined in GuiMyApp.obj
msvcprtd.lib(MSVCP90D.dll) : error LNK2005: "public: __thiscall std::_Lockit::~_Lockit(void)"
(??1_Lockit@std@@QAE@XZ) already defined in libcpmtd.lib(xlock.obj)
msvcprtd.lib(MSVCP90D.dll) : error LNK2005: "public: __thiscall std::_Lockit::_Lockit(int)"
(??0_Lockit@std@@QAE@H@Z) already defined in libcpmtd.lib(xlock.obj)
msvcprtd.lib(MSVCP90D.dll) : error LNK2005: "public: __thiscall
std::_Container_base_secure::_Container_base_secure(void)"
(??0_Container_base_secure@std@@QAE@XZ) already defined in Gu
 iMyApp.obj
msvcprtd.lib(MSVCP90D.dll) : error LNK2005: "public: unsigned int __thiscall
std::basic_string<char,struct std::char_traits<char>,class std::allocator<char> >::size(void)const "
(?size
 @?$basic_string@DU?$char_traits@D@std@@V?$allocator@D@2@@std@@QBEIXZ)
already defined in GuiMyApp.obj
msvcprtd.lib(MSVCP90D.dll) : error LNK2005: "public: class std::basic_string<char,struct
std::char_traits<char>,class std::allocator<char> > & __thiscall std::basic_string<char,struct
 std::char_traits<char>,class std::allocator<char> >::erase(unsigned int,unsigned int)"
(?erase@?$basic_string@DU?$char_traits@D@std@@V?$allocator@D@2@@std@@QAEAA
V12@II@Z) already d
 efined in GuiMyApp.obj
msvcprtd.lib(MSVCP90D.dll) : error LNK2005: "public: static unsigned int __cdecl
std::char_traits<char>::length(char const *)" (?length@?$char_traits@D@std@@SAIPBD@Z)
already defined i
 n GuiMyApp.obj
msvcprtd.lib(MSVCP90D.dll) : error LNK2005: "protected: char * __thiscall
std::basic_string<char,struct std::char_traits<char>,class std::allocator<char> >::_Myptr(void)"
(?_Myptr@?$ba
 sic_string@DU?$char_traits@D@std@@V?$allocator@D@2@@std@@IAEPADXZ) already
defined in GuiMyApp.obj
MSVCRTD.lib(MSVCR90D.dll) : error LNK2005: _free already defined in
LIBCMTD.lib(dbgfree.obj)
MSVCRTD.lib(MSVCR90D.dll) : error LNK2005: _malloc already defined in
LIBCMTD.lib(dbgmalloc.obj)
MSVCRTD.lib(MSVCR90D.dll) : error LNK2005: __wassert already defined in
LIBCMTD.lib(wassert.obj)
MSVCRTD.lib(MSVCR90D.dll) : error LNK2005: "public: virtual __thiscall
std::exception::~exception(void)" (??1exception@std@@UAE@XZ) already defined in
LIBCMTD.lib(stdexcpt.obj)
MSVCRTD.lib(MSVCR90D.dll) : error LNK2005: "public: __thiscall std::exception::exception(void)"
(??0exception@std@@QAE@XZ) already defined in LIBCMTD.lib(stdexcpt.obj)
MSVCRTD.lib(MSVCR90D.dll) : error LNK2005: "public: __thiscall std::exception::exception(class
std::exception const &)" (??0exception@std@@QAE@ABV01@@Z) already defined in
LIBCMTD.lib(
 stdexcpt.obj)
MSVCRTD.lib(MSVCR90D.dll) : error LNK2005: __invalid_parameter already defined in
LIBCMTD.lib(invarg.obj)
```

MSVCRTD.lib(MSVCR90D.dll) : error LNK2005: __CrtDbgReportW already defined in LIBCMTD.lib(dbgrptw.obj)
MSVCRTD.lib(MSVCR90D.dll) : error LNK2005: "public: __thiscall std::exception::exception(char const * const &)" (??0exception@std@@QAE@ABQBD@Z) already defined in LIBCMTD.lib(stdexcpt.
 obj)
MSVCRTD.lib(MSVCR90D.dll) : error LNK2005: _fflush already defined in LIBCMTD.lib(fflush.obj)
MSVCRTD.lib(MSVCR90D.dll) : error LNK2005: _fprintf already defined in LIBCMTD.lib(fprintf.obj)
MSVCRTD.lib(MSVCR90D.dll) : error LNK2005: ___iob_func already defined in LIBCMTD.lib(_file.obj)
MSVCRTD.lib(MSVCR90D.dll) : error LNK2005: _isalpha already defined in LIBCMTD.lib(_ctype.obj)
MSVCRTD.lib(MSVCR90D.dll) : error LNK2005: _strncpy already defined in LIBCMTD.lib(strncpy.obj)
MSVCRTD.lib(MSVCR90D.dll) : error LNK2005: __snprintf already defined in LIBCMTD.lib(snprintf.obj)
MSVCRTD.lib(MSVCR90D.dll) : error LNK2005: _strncmp already defined in LIBCMTD.lib(strncmp.obj)
MSVCRTD.lib(MSVCR90D.dll) : error LNK2005: _memmove_s already defined in LIBCMTD.lib(memmove_s.obj)
MSVCRTD.lib(MSVCR90D.dll) : error LNK2005: __stricmp already defined in LIBCMTD.lib(stricmp.obj)
MSVCRTD.lib(MSVCR90D.dll) : error LNK2005: _tolower already defined in LIBCMTD.lib(tolower.obj)
MSVCRTD.lib(MSVCR90D.dll) : error LNK2005: _fclose already defined in LIBCMTD.lib(fclose.obj)
MSVCRTD.lib(MSVCR90D.dll) : error LNK2005: _fread already defined in LIBCMTD.lib(fread.obj)
MSVCRTD.lib(MSVCR90D.dll) : error LNK2005: _atoi already defined in LIBCMTD.lib(atox.obj)
MSVCRTD.lib(MSVCR90D.dll) : error LNK2005: _fwrite already defined in LIBCMTD.lib(fwrite.obj)
MSVCRTD.lib(MSVCR90D.dll) : error LNK2005: _sprintf already defined in LIBCMTD.lib(sprintf.obj)
MSVCRTD.lib(MSVCR90D.dll) : error LNK2005: _printf already defined in LIBCMTD.lib(printf.obj)
MSVCRTD.lib(ti_inst.obj) : error LNK2005: "private: __thiscall type_info::type_info(class type_info const &)" (??0type_info@@AAE@ABV0@@Z) already defined in LIBCMTD.lib(typinfo.obj)
MSVCRTD.lib(ti_inst.obj) : error LNK2005: "private: class type_info & __thiscall type_info::operator=(class type_info const &)" (??4type_info@@AAEAAV0@ABV0@@Z) already defined in LIBCM
 TD.lib(typinfo.obj)
LINK : warning LNK4098: defaultlib 'MSVCRTD' conflicts with use of other libs; use /NODEFAULTLIB:library
libcollada14dom21-sd.lib(daeURI.obj) : error LNK2019: unresolved external symbol "public: bool __thiscall pcrecpp::RE::FullMatch(class pcrecpp::StringPiece const &,class pcrecpp::Arg c
 onst &,class pcrecpp::Arg const &,class pcrecpp::Arg const &,class pcrecpp::Arg const &,class pcrecpp::Arg const &,class pcrecpp::Arg const &,class pcrecpp::Arg const &,class pcrec
 pp::Arg const &,class pcrecpp::Arg const &,class pcrecpp::Arg const &,class pcrecpp::Arg const &,class pcrecpp::Arg const &,class pcrecpp::Arg const &,class pcrecpp::Arg const &,cl
 ass pcrecpp::Arg const &,class pcrecpp::Arg const &)const "

(?FullMatch@RE@pcrecpp@@QBE_NABVStringPiece@2@ABVArg@2@111111111111111@Z
) referenced in function "void __cdecl `anonymou
 s namespace'::parsePath(class std::basic_string<char,struct std::char_traits<char>,class
std::allocator<char> > const &,class std::basic_string<char,struct std::char_traits<char>,c
 lass std::allocator<char> > &,class std::basic_string<char,struct std::char_traits<char>,class
std::allocator<char> > &,class std::basic_string<char,struct std::char_traits<char>,c
 lass std::allocator<char> > &)"
(?parsePath@?A0x856ecd45@@YAXABV?$basic_string@DU?$char_traits@D@std@@V?$allo
cator@D@2@@std@@AAV23@11@Z)
libcollada14dom21-sd.lib(daeURI.obj) : error LNK2001: unresolved external symbol "public: static
class pcrecpp::Arg pcrecpp::RE::no_arg" (?no_arg@RE@pcrecpp@@2VArg@2@A)
libcollada14dom21-sd.lib(daeURI.obj) : error LNK2019: unresolved external symbol "private: static
bool __cdecl pcrecpp::Arg::parse_string(char const *,int,void *)" (?parse_string@Arg@p
 crecpp@@CA_NPBDHPAX@Z) referenced in function "public: __thiscall pcrecpp::Arg::Arg(class
std::basic_string<char,struct std::char_traits<char>,class std::allocator<char> > *)" (??0
 Arg@pcrecpp@@QAE@PAV?$basic_string@DU?$char_traits@D@std@@V?$allocator@D@2
@@std@@@Z)
libcollada14dom21-sd.lib(daeURI.obj) : error LNK2019: unresolved external symbol "private: void
__thiscall pcrecpp::RE::Init(class std::basic_string<char,struct std::char_traits<char>,
 class std::allocator<char> > const &,class pcrecpp::RE_Options const *)"
(?Init@RE@pcrecpp@@AAEXABV?$basic_string@DU?$char_traits@D@std@@V?$allocator@
D@2@@std@@PBVRE_Options@2@@Z)
 referenced in function "public: __thiscall pcrecpp::RE::RE(char const *)"
(??0RE@pcrecpp@@QAE@PBD@Z)
libcollada14dom21-sd.lib(daeURI.obj) : error LNK2019: unresolved external symbol "public:
__thiscall pcrecpp::RE::~RE(void)" (??1RE@pcrecpp@@QAE@XZ) referenced in function "void
__cdec
 l `void __cdecl `anonymous namespace'::parsePath(class std::basic_string<char,struct
std::char_traits<char>,class std::allocator<char> > const &,class basic_string<char,struct std:
 :char_traits<char>,class std::allocator<char> >::A0x856ecd45 &,class basic_string<char,struct
std::char_traits<char>,class std::allocator<char> >::A0x856ecd45 &,class basic_string<
 char,struct std::char_traits<char>,class std::allocator<char> >::A0x856ecd45 &)'::`2'::`dynamic
atexit destructor for 're''(void)" (??__Fre@?1??parsePath@?A0x856ecd45@@YAXABV?$basi
 c_string@DU?$char_traits@D@std@@V?$allocator@D@2@@std@@AAV23@11@Z@YAXX
Z)
libcollada14dom21-sd.lib(daeLIBXMLPlugin.obj) : error LNK2019: unresolved external symbol
_xmlTextReaderGetParserLineNumber referenced in function "int __cdecl `anonymous
namespace'::g
 etCurrentLineNumber(struct _xmlTextReader *)"
(?getCurrentLineNumber@?A0xbae6700e@@YAHPAU_xmlTextReader@@@Z)
libcollada14dom21-sd.lib(daeLIBXMLPlugin.obj) : error LNK2019: unresolved external symbol
_UTF8Toisolat1 referenced in function "unsigned char * __cdecl `anonymous
namespace'::utf8ToLa
 tin1(unsigned char const *)" (?utf8ToLatin1@?A0xbae6700e@@YAPAEPBE@Z)
libcollada14dom21-sd.lib(daeLIBXMLPlugin.obj) : error LNK2019: unresolved external symbol
_xmlStrlen referenced in function "unsigned char * __cdecl `anonymous
namespace'::utf8ToLatin1
 (unsigned char const *)" (?utf8ToLatin1@?A0xbae6700e@@YAPAEPBE@Z)

libcollada14dom21-sd.lib(daeLIBXMLPlugin.obj) : error LNK2019: unresolved external symbol _isolat1ToUTF8 referenced in function "unsigned char * __cdecl `anonymous namespace'::latin1To
 Utf8(class std::basic_string<char,struct std::char_traits<char>,class std::allocator<char> > const &)" (?latin1ToUtf8@?A0xbae6700e@@YAPAEABV?$basic_string@DU?$char_traits@D@std@@V?
 $allocator@D@2@@std@@@Z)
libcollada14dom21-sd.lib(daeLIBXMLPlugin.obj) : error LNK2019: unresolved external symbol _xmlTextReaderConstValue referenced in function "void __cdecl `anonymous namespace'::packageCu
 rrentAttributes(struct _xmlTextReader *,enum DAE::charEncoding,class std::vector<struct std::pair<char const *,char const *>,class std::allocator<struct std::pair<char const *,char
  const *> > > &)" (?packageCurrentAttributes@?A0xbae6700e@@YAXPAU_xmlTextReader@@W4charEncoding@DAE@@AAV?$vector@U?$pair@PBDPBD@std@@V?$allocator@U?$pair@PBDPBD@std@@@2@@std@@@Z)
libcollada14dom21-sd.lib(daeLIBXMLPlugin.obj) : error LNK2019: unresolved external symbol _xmlTextReaderConstName referenced in function "void __cdecl `anonymous namespace'::packageCur
 rentAttributes(struct _xmlTextReader *,enum DAE::charEncoding,class std::vector<struct std::pair<char const *,char const *>,class std::allocator<struct std::pair<char const *,char
 const *> > > &)" (?packageCurrentAttributes@?A0xbae6700e@@YAXPAU_xmlTextReader@@W4charEncoding@DAE@@AAV?$vector@U?$pair@PBDPBD@std@@V?$allocator@U?$pair@PBDPBD@std@@@2@@std@@@Z)
libcollada14dom21-sd.lib(daeLIBXMLPlugin.obj) : error LNK2019: unresolved external symbol _xmlTextReaderMoveToNextAttribute referenced in function "void __cdecl `anonymous namespace'::
 packageCurrentAttributes(struct _xmlTextReader *,enum DAE::charEncoding,class std::vector<struct std::pair<char const *,char const *>,class std::allocator<struct std::pair<char con
 st *,char const *> > > &)" (?packageCurrentAttributes@?A0xbae6700e@@YAXPAU_xmlTextReader@@W4charEncoding@DAE@@AAV?$vector@U?$pair@PBDPBD@std@@V?$allocator@U?$pair@PBDPBD@std@@@2@@s
 td@@@Z)
libcollada14dom21-sd.lib(daeLIBXMLPlugin.obj) : error LNK2019: unresolved external symbol _xmlTextReaderAttributeCount referenced in function "void __cdecl `anonymous namespace'::packa
 geCurrentAttributes(struct _xmlTextReader *,enum DAE::charEncoding,class std::vector<struct std::pair<char const *,char const *>,class std::allocator<struct std::pair<char const *,
 char const *> > > &)" (?packageCurrentAttributes@?A0xbae6700e@@YAXPAU_xmlTextReader@@W4charEncoding@DAE@@AAV?$vector@U?$pair@PBDPBD@std@@V?$allocator@U?$pair@PBDPBD@std@@@2@@std@@@
 Z)
libcollada14dom21-sd.lib(daeLIBXMLPlugin.obj) : error LNK2019: unresolved external symbol _xmlInitParser referenced in function "public: __thiscall daeLIBXMLPlugin::daeLIBXMLPlugin(cla
 ss DAE &)" (??0daeLIBXMLPlugin@@QAE@AAVDAE@@@Z)

libcollada14dom21-sd.lib(daeLIBXMLPlugin.obj) : error LNK2019: unresolved external symbol _xmlCleanupParser referenced in function "public: virtual __thiscall daeLIBXMLPlugin::~daeLIBX MLPlugin(void)" (??1daeLIBXMLPlugin@@UAE@XZ)
libcollada14dom21-sd.lib(daeLIBXMLPlugin.obj) : error LNK2019: unresolved external symbol _xmlReaderForFile referenced in function "public: __thiscall xmlTextReaderHelper::xmlTextReade rHelper(class daeURI const &)" (??0xmlTextReaderHelper@@QAE@ABVdaeURI@@@Z)
libcollada14dom21-sd.lib(daeLIBXMLPlugin.obj) : error LNK2019: unresolved external symbol _xmlFreeTextReader referenced in function "public: __thiscall xmlTextReaderHelper::~xmlTextRea derHelper(void)" (??1xmlTextReaderHelper@@QAE@XZ)
libcollada14dom21-sd.lib(daeLIBXMLPlugin.obj) : error LNK2019: unresolved external symbol _xmlReaderForDoc referenced in function "public: __thiscall xmlTextReaderHelper::xmlTextReader Helper(char const *,class daeURI const &)" (??0xmlTextReaderHelper@@QAE@PBDABVdaeURI@@@Z)
libcollada14dom21-sd.lib(daeLIBXMLPlugin.obj) : error LNK2019: unresolved external symbol _xmlTextReaderRead referenced in function "private: class daeSmartRef<class daeElement> __this call daeLIBXMLPlugin::read(struct _xmlTextReader *)" (?read@daeLIBXMLPlugin@@AAE?AV?$daeSmartRef@VdaeElement@@@@PAU_xmlTextRe ader@@@Z)
libcollada14dom21-sd.lib(daeLIBXMLPlugin.obj) : error LNK2019: unresolved external symbol _xmlTextReaderNodeType referenced in function "private: class daeSmartRef<class daeElement> __ thiscall daeLIBXMLPlugin::read(struct _xmlTextReader *)" (?read@daeLIBXMLPlugin@@AAE?AV?$daeSmartRef@VdaeElement@@@@PAU_xmlTextRe ader@@@Z)
libcollada14dom21-sd.lib(daeLIBXMLPlugin.obj) : error LNK2019: unresolved external symbol _xmlTextReaderNext referenced in function "private: class daeSmartRef<class daeElement> __this call daeLIBXMLPlugin::readElement(struct _xmlTextReader *,class daeElement *)" (?readElement@daeLIBXMLPlugin@@AAE?AV?$daeSmartRef@VdaeElement@@@@PAU_x mlTextReader@@PAVdaeElement@@@ Z)
libcollada14dom21-sd.lib(daeLIBXMLPlugin.obj) : error LNK2019: unresolved external symbol _xmlTextReaderIsEmptyElement referenced in function "private: class daeSmartRef<class daeEleme nt> __thiscall daeLIBXMLPlugin::readElement(struct _xmlTextReader *,class daeElement *)" (?readElement@daeLIBXMLPlugin@@AAE?AV?$daeSmartRef@VdaeElement@@@@PAU_x mlTextReader@@PAVdae Element@@@Z)
libcollada14dom21-sd.lib(daeLIBXMLPlugin.obj) : error LNK2019: unresolved external symbol _xmlFreeTextWriter referenced in function "public: virtual int __thiscall daeLIBXMLPlugin::wri te(class daeURI const &,class daeDocument *,bool)" (?write@daeLIBXMLPlugin@@UAEHABVdaeURI@@PAVdaeDocument@@_N@Z)
libcollada14dom21-sd.lib(daeLIBXMLPlugin.obj) : error LNK2019: unresolved external symbol _xmlTextWriterFlush referenced in function "public: virtual int __thiscall daeLIBXMLPlugin::wr ite(class daeURI const &,class daeDocument *,bool)"

(?write@daeLIBXMLPlugin@@UAEHABVdaeURI@@PAVdaeDocument@@_N@Z)
libcollada14dom21-sd.lib(daeLIBXMLPlugin.obj) : error LNK2019: unresolved external symbol
_xmlTextWriterEndDocument referenced in function "public: virtual int __thiscall daeLIBXMLPlug
in::write(class daeURI const &,class daeDocument *,bool)"
(?write@daeLIBXMLPlugin@@UAEHABVdaeURI@@PAVdaeDocument@@_N@Z)
libcollada14dom21-sd.lib(daeLIBXMLPlugin.obj) : error LNK2019: unresolved external symbol
_xmlTextWriterStartDocument referenced in function "public: virtual int __thiscall daeLIBXMLPl
ugin::write(class daeURI const &,class daeDocument *,bool)"
(?write@daeLIBXMLPlugin@@UAEHABVdaeURI@@PAVdaeDocument@@_N@Z)
libcollada14dom21-sd.lib(daeLIBXMLPlugin.obj) : error LNK2019: unresolved external symbol
_xmlTextWriterSetIndent referenced in function "public: virtual int __thiscall daeLIBXMLPlugin
::write(class daeURI const &,class daeDocument *,bool)"
(?write@daeLIBXMLPlugin@@UAEHABVdaeURI@@PAVdaeDocument@@_N@Z)
libcollada14dom21-sd.lib(daeLIBXMLPlugin.obj) : error LNK2019: unresolved external symbol
_xmlTextWriterSetIndentString referenced in function "public: virtual int __thiscall daeLIBXML
Plugin::write(class daeURI const &,class daeDocument *,bool)"
(?write@daeLIBXMLPlugin@@UAEHABVdaeURI@@PAVdaeDocument@@_N@Z)
libcollada14dom21-sd.lib(daeLIBXMLPlugin.obj) : error LNK2019: unresolved external symbol
_xmlNewTextWriterFilename referenced in function "public: virtual int __thiscall daeLIBXMLPlug
in::write(class daeURI const &,class daeDocument *,bool)"
(?write@daeLIBXMLPlugin@@UAEHABVdaeURI@@PAVdaeDocument@@_N@Z)
libcollada14dom21-sd.lib(daeLIBXMLPlugin.obj) : error LNK2019: unresolved external symbol
_xmlTextWriterEndElement referenced in function "private: void __thiscall daeLIBXMLPlugin::wri
teElement(class daeElement *)"
(?writeElement@daeLIBXMLPlugin@@AAEXPAVdaeElement@@@Z)
libcollada14dom21-sd.lib(daeLIBXMLPlugin.obj) : error LNK2019: unresolved external symbol
_xmlTextWriterStartElement referenced in function "private: void __thiscall daeLIBXMLPlugin::w
riteElement(class daeElement *)"
(?writeElement@daeLIBXMLPlugin@@AAEXPAVdaeElement@@@Z)
libcollada14dom21-sd.lib(daeLIBXMLPlugin.obj) : error LNK2019: unresolved external symbol
_xmlTextWriterEndAttribute referenced in function "private: void __thiscall daeLIBXMLPlugin::w
riteAttribute(class daeMetaAttribute *,class daeElement *)"
(?writeAttribute@daeLIBXMLPlugin@@AAEXPAVdaeMetaAttribute@@PAVdaeElement@@@Z)
libcollada14dom21-sd.lib(daeLIBXMLPlugin.obj) : error LNK2019: unresolved external symbol
_xmlTextWriterWriteString referenced in function "private: void __thiscall daeLIBXMLPlugin::wr
iteAttribute(class daeMetaAttribute *,class daeElement *)"
(?writeAttribute@daeLIBXMLPlugin@@AAEXPAVdaeMetaAttribute@@PAVdaeElement@@@Z)
libcollada14dom21-sd.lib(daeLIBXMLPlugin.obj) : error LNK2019: unresolved external symbol
_xmlTextWriterStartAttribute referenced in function "private: void __thiscall daeLIBXMLPlugin:
:writeAttribute(class daeMetaAttribute *,class daeElement *)"
(?writeAttribute@daeLIBXMLPlugin@@AAEXPAVdaeMetaAttribute@@PAVdaeElement@@@Z)
e:\programy\upp\out\MSC9.Debug.Debug_full.Gui\Test001.exe : fatal error LNK1120: 34
unresolved externals
E:\programy\msvs9\Vc\Bin\link.exe -nologo -machine:I386
-pdb:"e:\programy\upp\out\MSC9.Debug.Debug_full.Gui\Test001.pdb"
-out:"e:\programy\upp\out\MSC9.Debug.Debug_full.Gui\Test001.exe
" -incremental:yes -debug -OPT:NOREF -subsystem:windows
-LIBPATH:"E:\programy\msvs9\Vc\Lib" -LIBPATH:"C:\Program Files\Microsoft

```
SDKs\Windows\v6.0A\Lib" -LIBPATH:"E:\cd\dom\build\v
 c9-1.4-d"          "e:\programy\upp\out\Test001\MSC9.Debug.Debug_full.Gui.Main\GuiMyApp.obj"
"e:\programy\upp\out\Test001\MSC9.Debug.Debug_full.Gui.Main\main.obj" "e:\programy\up
 p\out\CtrlLib\MSC9.Debug.Debug_full.Gui\CtrlLib.obj"
"e:\programy\upp\out\CtrlLib\MSC9.Debug.Debug_full.Gui\$blitz.obj"
"e:\programy\upp\out\CtrlLib\MSC9.Debug.Debug_full.Gui\ChWin
 32.obj" "e:\programy\upp\out\CtrlCore\MSC9.Debug.Debug_full.Gui\CtrlCore.obj" "C:\Program
Files\Microsoft SDKs\Windows\v6.0A\Lib\advapi32.lib" "C:\Program Files\Microsoft SDKs\Wind
 ows\v6.0A\Lib\comdlg32.lib" "C:\Program Files\Microsoft SDKs\Windows\v6.0A\Lib\comctl32.lib"
"e:\programy\upp\out\CtrlCore\MSC9.Debug.Debug_full.Gui\$blitz.obj" "e:\programy\upp\ou
 t\RichText\MSC9.Debug.Debug_full.Gui\RichImage.obj"
"e:\programy\upp\out\RichText\MSC9.Debug.Debug_full.Gui\$blitz.obj" "C:\Program
Files\Microsoft SDKs\Windows\v6.0A\Lib\user32.li
 b" "C:\Program Files\Microsoft SDKs\Windows\v6.0A\Lib\gdi32.lib"
"e:\programy\upp\out\Draw\MSC9.Debug.Debug_full.Gui\$blitz.obj"
"e:\programy\upp\out\plugin\bmp\MSC9.Debug.Debug_fu
 ll.Gui\BmpReg.obj" "e:\programy\upp\out\plugin\bmp\MSC9.Debug.Debug_full.Gui\$blitz.obj"
"C:\Program Files\Microsoft SDKs\Windows\v6.0A\Lib\kernel32.lib" "C:\Program Files\Microsof
 t SDKs\Windows\v6.0A\Lib\user32.lib" "C:\Program Files\Microsoft
SDKs\Windows\v6.0A\Lib\advapi32.lib" "C:\Program Files\Microsoft
SDKs\Windows\v6.0A\Lib\shell32.lib" "C:\Program Fi
 les\Microsoft SDKs\Windows\v6.0A\Lib\winmm.lib" "C:\Program Files\Microsoft
SDKs\Windows\v6.0A\Lib\mpr.lib"
"e:\programy\upp\out\Core\MSC9.Debug.Debug_full.Gui\$blitz.obj" "e:\prog
 ramy\upp\out\Core\MSC9.Debug.Debug_full.Gui\OL_Set.obj"
"e:\programy\upp\out\Core\MSC9.Debug.Debug_full.Gui\heaputil.obj"
"e:\programy\upp\out\Core\MSC9.Debug.Debug_full.Gui\lheap.
 obj" "e:\programy\upp\out\Core\MSC9.Debug.Debug_full.Gui\heap.obj"
"e:\programy\upp\out\Core\MSC9.Debug.Debug_full.Gui\heapdbg.obj"
"e:\programy\upp\out\plugin\z\MSC9.Debug.Debug_f
 ull.Gui\adler32.obj" "e:\programy\upp\out\plugin\z\MSC9.Debug.Debug_full.Gui\compress.obj"
"e:\programy\upp\out\plugin\z\MSC9.Debug.Debug_full.Gui\crc32.obj" "e:\programy\upp\out\p
 lugin\z\MSC9.Debug.Debug_full.Gui\deflate.obj"
"e:\programy\upp\out\plugin\z\MSC9.Debug.Debug_full.Gui\gzio.obj"
"e:\programy\upp\out\plugin\z\MSC9.Debug.Debug_full.Gui\infblock.ob
 j" "e:\programy\upp\out\plugin\z\MSC9.Debug.Debug_full.Gui\infcodes.obj"
"e:\programy\upp\out\plugin\z\MSC9.Debug.Debug_full.Gui\inffast.obj"
"e:\programy\upp\out\plugin\z\MSC9.Deb
 ug.Debug_full.Gui\inflate.obj"
"e:\programy\upp\out\plugin\z\MSC9.Debug.Debug_full.Gui\inftrees.obj"
"e:\programy\upp\out\plugin\z\MSC9.Debug.Debug_full.Gui\infutil.obj" "e:\progra
 my\upp\out\plugin\z\MSC9.Debug.Debug_full.Gui\trees.obj"
"e:\programy\upp\out\plugin\z\MSC9.Debug.Debug_full.Gui\uncompr.obj"
"e:\programy\upp\out\plugin\z\MSC9.Debug.Debug_full.Gu
 i\zutil.obj" "e:\programy\upp\out\plugin\png\MSC9.Debug.Debug_full.Gui\pngreg.obj"
"e:\programy\upp\out\plugin\png\MSC9.Debug.Debug_full.Gui\pnglib.obj"
"e:\programy\upp\out\plugin
 \png\MSC9.Debug.Debug_full.Gui\pngupp.obj"
```

"E:\cd\dom\build\vc9-1.4-d\libcollada14dom21-sd.lib"
Error executing E:\programy\msvs9\Vc\Bin\link.exe -nologo -machine:I386
-pdb:"e:\programy\upp\out\MSC9.Debug.Debug_full.Gui\Test001.pdb"
-out:"e:\programy\upp\out\MSC9.Debug.Debug_full
.Gui\Test001.exe" -incremental:yes -debug -OPT:NOREF -subsystem:windows
-LIBPATH:"E:\programy\msvs9\Vc\Lib" -LIBPATH:"C:\Program Files\Microsoft
SDKs\Windows\v6.0A\Lib" -LIBPATH:"E
:\cd\dom\build\vc9-1.4-d"
"e:\programy\upp\out\Test001\MSC9.Debug.Debug_full.Gui.Main\GuiMyApp.obj"
"e:\programy\upp\out\Test001\MSC9.Debug.Debug_full.Gui.Main\main.obj"
"e:\programy\upp\out\CtrlLib\MSC9.Debug.Debug_full.Gui\CtrlLib.obj"
"e:\programy\upp\out\CtrlLib\MSC9.Debug.Debug_full.Gui\$blitz.obj"
"e:\programy\upp\out\CtrlLib\MSC9.Debug.Debu
g_full.Gui\ChWin32.obj"
"e:\programy\upp\out\CtrlCore\MSC9.Debug.Debug_full.Gui\CtrlCore.obj" "C:\Program
Files\Microsoft SDKs\Windows\v6.0A\Lib\advapi32.lib" "C:\Program Files\Mic
rosoft SDKs\Windows\v6.0A\Lib\comdlg32.lib" "C:\Program Files\Microsoft
SDKs\Windows\v6.0A\Lib\comctl32.lib"
"e:\programy\upp\out\CtrlCore\MSC9.Debug.Debug_full.Gui\$blitz.obj" "e:
\programy\upp\out\RichText\MSC9.Debug.Debug_full.Gui\RichImage.obj"
"e:\programy\upp\out\RichText\MSC9.Debug.Debug_full.Gui\$blitz.obj" "C:\Program
Files\Microsoft SDKs\Windows\v6.
0A\Lib\user32.lib" "C:\Program Files\Microsoft SDKs\Windows\v6.0A\Lib\gdi32.lib"
"e:\programy\upp\out\Draw\MSC9.Debug.Debug_full.Gui\$blitz.obj"
"e:\programy\upp\out\plugin\bmp\MSC
9.Debug.Debug_full.Gui\BmpReg.obj"
"e:\programy\upp\out\plugin\bmp\MSC9.Debug.Debug_full.Gui\$blitz.obj" "C:\Program
Files\Microsoft SDKs\Windows\v6.0A\Lib\kernel32.lib" "C:\Progra
m Files\Microsoft SDKs\Windows\v6.0A\Lib\user32.lib" "C:\Program Files\Microsoft
SDKs\Windows\v6.0A\Lib\advapi32.lib" "C:\Program Files\Microsoft
SDKs\Windows\v6.0A\Lib\shell32.lib
" "C:\Program Files\Microsoft SDKs\Windows\v6.0A\Lib\winmm.lib" "C:\Program Files\Microsoft
SDKs\Windows\v6.0A\Lib\mpr.lib" "e:\programy\upp\out\Core\MSC9.Debug.Debug_full.Gui\$bli
tz.obj" "e:\programy\upp\out\Core\MSC9.Debug.Debug_full.Gui\OL_Set.obj"
"e:\programy\upp\out\Core\MSC9.Debug.Debug_full.Gui\heaputil.obj"
"e:\programy\upp\out\Core\MSC9.Debug.Debug
_full.Gui\lheap.obj" "e:\programy\upp\out\Core\MSC9.Debug.Debug_full.Gui\heap.obj"
"e:\programy\upp\out\Core\MSC9.Debug.Debug_full.Gui\heapdbg.obj"
"e:\programy\upp\out\plugin\z\MS
C9.Debug.Debug_full.Gui\adler32.obj"
"e:\programy\upp\out\plugin\z\MSC9.Debug.Debug_full.Gui\compress.obj"
"e:\programy\upp\out\plugin\z\MSC9.Debug.Debug_full.Gui\crc32.obj" "e:\pr
ogramy\upp\out\plugin\z\MSC9.Debug.Debug_full.Gui\deflate.obj"
"e:\programy\upp\out\plugin\z\MSC9.Debug.Debug_full.Gui\gzio.obj"
"e:\programy\upp\out\plugin\z\MSC9.Debug.Debug_full
.Gui\infblock.obj" "e:\programy\upp\out\plugin\z\MSC9.Debug.Debug_full.Gui\infcodes.obj"
"e:\programy\upp\out\plugin\z\MSC9.Debug.Debug_full.Gui\inffast.obj" "e:\programy\upp\out\p
lugin\z\MSC9.Debug.Debug_full.Gui\inflate.obj"

"e:\programy\upp\out\plugin\z\MSC9.Debug.Debug_full.Gui\inftrees.obj"
"e:\programy\upp\out\plugin\z\MSC9.Debug.Debug_full.Gui\infutil
.obj" "e:\programy\upp\out\plugin\z\MSC9.Debug.Debug_full.Gui\trees.obj"
"e:\programy\upp\out\plugin\z\MSC9.Debug.Debug_full.Gui\uncompr.obj"
"e:\programy\upp\out\plugin\z\MSC9.Deb
ug.Debug_full.Gui\zutil.obj"
"e:\programy\upp\out\plugin\png\MSC9.Debug.Debug_full.Gui\pngreg.obj"
"e:\programy\upp\out\plugin\png\MSC9.Debug.Debug_full.Gui\pnglib.obj" "e:\program
y\upp\out\plugin\png\MSC9.Debug.Debug_full.Gui\pngupp.obj"
"E:\cd\dom\build\vc9-1.4-d\libcollada14dom21-sd.lib"
Exitcode: 1120
*/

Subject: Re: Compiler/Linker options
Posted by slud on Sun, 08 Mar 2009 15:25:40 GMT
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Unbelievable news... I added -MDd to debug options in build methods section and it works the /MDd option is applied.. now I'm figuring out why there is an error with .dlls

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