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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.

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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

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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 overridden with -MTd at compilation time. Moreover I'd like to take full control on these all parameters.

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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 "default" options, means they should override "automatic" options.

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

Mirek

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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 carefully) and forum

Maybe I'll try to be more specific. I want to build an 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 successfully 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 making 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:"msvcr71" /DEBUG /PDB:"g:\mgr\collidomvs9\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:IA64 -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.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\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_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\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\heap.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\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.Debug.Debug_full.Gui\inflate.obj"
"e:\programy\upp\out\plugin\z\MSC9.Debug.Debug_full.Gui\infrees.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.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.Gui\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_str@?$basic_string@DU?$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
GuiMyApp.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 GuiMyApp.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@I@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(stdexcept.obj)
MSVCRTD.lib(MSVCR90D.dll) : error LNK2005: "public: __thiscall std::exception::exception(void)"
(??0exception@std@@QAE@XZ) already defined in LIBCMTD.lib(stdexcept.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(
stdexcept.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@1111111111111111@Z)
referenced in function "void __cdecl `anonymous
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?$allocator@
D@2@@@std@@PBVRE_Options@2@@Z)
referenced in function "public: __thiscall pcrecpp::RE::RE(char const *)"
(??0RE@pcrecpp@@QAE@PBD@Z)
libcollada14dom21-sd.lib(daeURI.obj) : error LNK2019: unresolved external symbol "public:
__thiscall pcrecpp::RE::~RE(void)" (??1RE@pcrecpp@@QAE@XZ) referenced in function "void
__cdecl
I`void __cdecl `anonymous namespace':::parsePath(class std::basic_string<char,struct
std::char_traits<char>,class std::allocator<char> > const &,class basic_string<char,struct std:
:char_traits<char>,class std::allocator<char> >::A0x856ecd45 &,class basic_string<char,struct
std::char_traits<char>,class std::allocator<char> >::A0x856ecd45 &,class basic_string<
char,struct std::char_traits<char>,class std::allocator<char> >::A0x856ecd45 &)'::`2'::`dynamic
atexit destructor for 're'(void)" (??__Fre@?1??parsePath@?A0x856ecd45@@YAXABV?$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 daeLIBXMLPI
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@@AAEXPVdaeElement@@@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@@AAEXPVdaeElement@@@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@@AAEXPVdaeMetaAttribute@@PAVdaeElement@@@Z)
libcollada14dom21-sd.lib(daeLIBXMLPlugin.obj) : error LNK2019: unresolved external symbol
_xmlTextWriterWriteString referenced in function "private: void __thiscall daeLIBXMLPlugin::w
riteAttribute(class daeMetaAttribute *,class daeElement *)"
(?writeAttribute@daeLIBXMLPlugin@@AAEXPVdaeMetaAttribute@@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@@AAEXPVdaeMetaAttribute@@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\w  
 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.Debug  
 ug.Debug\_full.Gui\inflate.obj"  
 "e:\programy\upp\out\plugin\z\MSC9.Debug.Debug\_full.Gui\infrees.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.Debug
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\infrees.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.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:\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  
*/
```

---

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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

---