

QGIS Application - Bug report #8815

QGIS Visual Studio 2012 build - runtime fail

2013-10-10 01:56 AM - Milosz Hulboj

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|---|----------|-------------------------------------|
| Status: | Rejected | |
| Priority: | Low | |
| Assignee: | | |
| Category: | | |
| Affected QGIS version: | master | Regression?: No |
| Operating System: | Windows | Easy fix?: No |
| Pull Request or Patch supplied: | no | Resolution: invalid |
| Crashes QGIS or corrupts data: | yes | Copied to github as #: 17509 |
| Description | | |
| <p>I have followed the Windows installation instructions on a <i>clean machine</i>. The only changes were:</p> <ul style="list-style-type: none">- VS2012 (x86) (and appropriate modifications of the script for setting the environment)- OSGEO4W installer pulled a more recent version of grass than in the example (6.4.3) <p>Software built without any errors and I was able to install it. However when trying to run it, I encounter a crash approximately after Restoring loaded plugins. Trying to run from the Visual Studio gives the following stacktrace:</p> <pre>... msvcr90.dll!74bf3c1b() Unknown sip.pyd!08012910() Unknown sip.pyd!080147c6() Unknown core.pyd!meth_QgsApplication_qgisSettingsDirPath(_object * __formal, _object * sipArgs) Line 92739 C++ core.pyd!_DisableThreadLibraryCalls@4(?) C++ qgispython.dll!_DisableThreadLibraryCalls@4(?) C++ qgispython.dll!_DisableThreadLibraryCalls@4(?) C++ qgis.exe!_GetCommandLineW@0(?) C++ qgis.exe!_GetCommandLineW@0(?) C++ qgis.exe!_GetCommandLineW@0(?) C++ qgis.exe!_GetCommandLineW@0(?) C++ qgis.exe!__SEH_epilog4() Line 126 Unknown ntdll.dll!776a71f5() Unknown ...</pre> <p>Is this a known problem? If not, then I can investigate it further, but would appreciate some hints.</p> | | |

History

#1 - 2013-10-10 09:08 AM - Martin Dobias

- Resolution set to invalid
- Status changed from Open to Rejected

Libraries in OSGeo4W are built with VS 2008, so if you compile QGIS with a different compiler (with different C/C++ runtime library), it is very likely that things will go wrong. The backtrace suggests that too - the crash is inside VS 2008 C runtime library.

So the advice is to use the same version of the compiler for QGIS.

More reading here:

<http://msdn.microsoft.com/en-us/library/ms235460%28v=VS.100%29.aspx>