

CipherShed - Bug #104

wxgtk 2.9, CommandLineInterface, ambiguous overloaded function calls

02/20/2015 01:24 AM - Anonymous

Status:	Resolved	Start date:	02/20/2015
Priority:	Low	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Description			
As reported by m0Ray on GitHub			
<pre>~/buildtmp/CipherShed/src> LIBS="-ldl" make [skip] Compiling CommandLineInterface.cpp CommandLineInterface.cpp: In constructor 'CipherShed::CommandLineInterface::CommandLineInterface(wxCmdLineParser&, CipherShed::UserInterfaceType::Enum)': CommandLineInterface.cpp:383:45: error: call of overloaded 'FilePath(wxString&)' is ambiguous s CommandLineInterface.cpp:383:45: note: candidates are: In file included from /home/m0ray/buildtmp/CipherShed/src/Platform/Directory.h:13:0, from /home/m0ray/buildtmp/CipherShed/src/Platform/Platform.h:15, from /home/m0ray/buildtmp/CipherShed/src/Core/CoreBase.h:12, from /home/m0ray/buildtmp/CipherShed/src/Core/Core.h:12, from CommandLineInterface.cpp:12: /home/m0ray/buildtmp/CipherShed/src/Platform/FilePath.h:39:3: note: CipherShed::FilePath::FilePath(std::wstring) /home/m0ray/buildtmp/CipherShed/src/Platform/FilePath.h:37:3: note: CipherShed::FilePath::FilePath(std::string) CommandLineInterface.cpp:474:57: error: call of overloaded 'FilePath(wxString)' is ambiguous CommandLineInterface.cpp:474:57: note: candidates are: In file included from /home/m0ray/buildtmp/CipherShed/src/Platform/Directory.h:13:0, from /home/m0ray/buildtmp/CipherShed/src/Platform/Platform.h:15, from /home/m0ray/buildtmp/CipherShed/src/Core/CoreBase.h:12, from /home/m0ray/buildtmp/CipherShed/src/Core/Core.h:12, from CommandLineInterface.cpp:12: /home/m0ray/buildtmp/CipherShed/src/Platform/FilePath.h:39:3: note: CipherShed::FilePath::FilePath(std::wstring) /home/m0ray/buildtmp/CipherShed/src/Platform/FilePath.h:37:3: note: CipherShed::FilePath::FilePath(std::string) CommandLineInterface.cpp: In member function 'CipherShed::VolumeInfoList CipherShed::CommandLineInterface::GetMountedVolumes(const wxString&) const': CommandLineInterface.cpp:565:35: error: call of overloaded 'wxString(CipherShed::VolumePath&)' is ambiguous CommandLineInterface.cpp:565:35: note: candidates are: In file included from /usr/include/wx-2.9/wx/memory.h:16:0, from /usr/include/wx-2.9/wx/object.h:20, from /usr/include/wx-2.9/wx/wx.h:16, from SystemPrecompiled.h:9, from System.h:14, from CommandLineInterface.cpp:9: /usr/include/wx-2.9/wx/string.h:1375:5: note: wxString::wxString(const string&) /usr/include/wx-2.9/wx/string.h:1365:5: note: wxString::wxString(const wxStdWideString&) CommandLineInterface.cpp:569:41: error: call of overloaded 'wxString(CipherShed::DirectoryPath&)' is ambiguous CommandLineInterface.cpp:569:41: note: candidates are: In file included from /usr/include/wx-2.9/wx/memory.h:16:0, from /usr/include/wx-2.9/wx/object.h:20, from /usr/include/wx-2.9/wx/wx.h:16, from SystemPrecompiled.h:9, from System.h:14, from CommandLineInterface.cpp:9:</pre>			

```
/usr/include/wx-2.9/wx/string.h:1375:5: note: wxString::wxString(const string&)
/usr/include/wx-2.9/wx/string.h:1365:5: note: wxString::wxString(const wxStdWideString&)
CommandLineInterface.cpp:570:37: error: call of overloaded 'wxString(CipherShed::DirectoryPath&)'
is ambiguous
CommandLineInterface.cpp:570:37: note: candidates are:
In file included from /usr/include/wx-2.9/wx/memory.h:16:0,
    from /usr/include/wx-2.9/wx/object.h:20,
    from /usr/include/wx-2.9/wx/wx.h:16,
    from SystemPrecompiled.h:9,
    from System.h:14,
    from CommandLineInterface.cpp:9:
/usr/include/wx-2.9/wx/string.h:1375:5: note: wxString::wxString(const string&)
/usr/include/wx-2.9/wx/string.h:1365:5: note: wxString::wxString(const wxStdWideString&)
make[1]: *** [CommandLineInterface.o] Error 1
make: *** [all] Error 2

~/buildtmp/CipherShed/src> uname -a
Linux m0ray.unison.local 3.7.10-1.40-desktop #1 SMP PREEMPT Thu Jul 10 11:22:12 UTC 2014 (9b06319)
 x86_64 x86_64 x86_64 GNU/Linux
~/buildtmp/CipherShed/src> gcc --version
gcc (SUSE Linux) 4.7.2 20130108 [gcc-4_7-branch revision 195012]
```

History

#1 - 08/14/2016 11:32 PM - Kyle Marek

- Status changed from *New* to *Resolved*

This is related to the incompatibility with wx 3.0. Resolved in
380119ada6f0c191c3297c1a6b03adfb629d101f..6854377507f5a36b5f25b7333fb691aa73b36d6c. Expected to be released with v0.7.4.2.

I tested with OpenSUSE 13.1. Installed dependencies with the following command:

```
sudo zypper install git make gcc gcc-c++ nasm fuse-devel wxWidgets-2_9-devel
```