Ruby master - Bug #11118
Unable to build Ruby with Visual Studio 2015 RC
05/03/2015 11:52 PM - djberg96 (Daniel Berger)

| Status:     | Closed          |
| Priority:   | Normal          |
| Assignee:   |                 |
| Target version: | 2.2.2         |
| Backport:   | 2.0.0: WONTFIX, 2.1: WONTFIX, 2.2: WONTFIX, 2.3: WONTFIX |

**Description**
I installed the latest Visual Studio, and then tried to build Ruby 2.2.2 on Windows 7. But, I'm having trouble right away. This is an RC candidate (so I guess that's why the CLI shows Visual Studio 14).

C:\Program Files (x86)\Microsoft Visual Studio 14.0\VC>cl /?
Microsoft (R) C/C++ Optimizing Compiler Version 19.00.22816 for x86
Copyright (C) Microsoft Corporation. All rights reserved.

C:\Users\djberge\Downloads\Ruby\ruby-2.2.2>win32\configure.bat
win32\rtname: conftest.exe is not linked to msvcrt
NMAKE : fatal error U1077: 'win32\rtname': return code '0x1'
Stop.

Any ideas?

**Related issues:**
- Has duplicate Ruby master - Bug #12014: Visual Studio 2015 build error __imp...
- Has duplicate Ruby master - Bug #12322: vs 2015

**Associated revisions**

Revision 9af312b - 04/23/2016 06:46 PM - naruse (Yui NARUSE)
Support MSVC14 and 15 [Bug #11118]
Search _pioinfo which is not exported after MSVC14.
[Bug #12014] [GH-884]
git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@54737 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 54737 - 04/23/2016 06:46 PM - naruse (Yui NARUSE)
Support MSVC14 and 15 [Bug #11118]
Search _pioinfo which is not exported after MSVC14.
[Bug #12014] [GH-884]

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Support MSVC14 and 15 [Bug #11118]
Search _pioinfo which is not exported after MSVC14.
[Bug #12014] [GH-884]
Revision 85ddcb93 - 03/22/2018 02:28 AM - usa (Usaku NAKAMURA)
merge revision(s) 54737,54740,55792: [Backport #14623]

Support MSVC14 and 15 [Bug #111118]

Search _pioinfo which is not exported after MSVC14.
[Bug #12014] [GH-884]

win32.c: suppress warnings

* win32/win32.c (set_pioinfo_extra): remove */** within comment.
* win32/win32.c (set_pioinfo_extra): use more reliable way to search
  the position of pioinfo of VC14, and also support debug library of it.
  patched by davispuh AT gmail.com
[ruby-core:76644] [Bug #12644]
this fixes also [Bug #12631]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_3@62884 b2dd03c8-39d4-4d8f-98f8-823fe69b080e

Revision 62884 - 03/22/2018 02:28 AM - usa (Usaku NAKAMURA)
merge revision(s) 54737,54740,55792: [Backport #14623]

Support MSVC14 and 15 [Bug #111118]

Search _pioinfo which is not exported after MSVC14.
[Bug #12014] [GH-884]

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  the position of pioinfo of VC14, and also support debug library of it.
  patched by davispuh AT gmail.com
[ruby-core:76644] [Bug #12644]
this fixes also [Bug #12631]

History

#1 - 05/05/2015 01:48 AM - phasis68 (Heesob Park)
This issue is due to the runtime name change.
Since the Visual Studio 2014, the runtime is vcruntime140.dll.

Refer to [http://mariusbancila.ro/blog/2014/06/05/crt-refactored-in-visual-studio-14/](http://mariusbancila.ro/blog/2014/06/05/crt-refactored-in-visual-studio-14/)
The other huddle is FILE structure Encapsulation:

win32/win32.c should be rewritten in order to be built with Visual Studio 2014 or later.

#2 - 05/07/2015 07:52 AM - usa (Usaku NAKAMURA)
FYI, naruse-san has already surveyed it, and some parts of its result have been committed into trunk.

See also: [https://github.com/ruby/ruby/pull/884/files](https://github.com/ruby/ruby/pull/884/files)

#3 - 07/25/2015 11:24 PM - scorpion007 (Alex Budovski)
Now that RTM is out, is any progress being made on this?

#4 - 01/23/2016 01:00 AM - naruse (Yui NARUSE)
- Related to Bug #12014: Visual Studio 2015 build error __imp__pioinfo added

#5 - 01/23/2016 01:02 AM - naruse (Yui NARUSE)
- Related to deleted (Bug #12014: Visual Studio 2015 build error __imp__pioinfo)

#6 - 01/23/2016 01:02 AM - naruse (Yui NARUSE)
- Has duplicate Bug #12014: Visual Studio 2015 build error __imp__pioinfo added

#7 - 01/23/2016 01:39 AM - naruse (Yui NARUSE)
I also write about this on Microsoft Connect.  

You may understand the situation by seeing https://github.com/ruby/ruby/pull/884.

Status is

- Ruby 2.3 or prior won't fix this.
- Ruby 2.4 or later may introduce with fundamental architectural change.

#8 - 04/23/2016 06:46 PM - naruse (Yui NARUSE)
- Status changed from Open to Closed

Applied in changeset r54737.

Support MSVC14 and 15 [Bug #11118]

Search _pioinfo which is not exported after MSVC14.
[Bug #12014] [GH-884]

#9 - 04/27/2016 04:58 AM - naruse (Yui NARUSE)
- Has duplicate Bug #12322: vs 2015 added