Ruby master - Bug #8495

include/ruby/win32.h assumes that __STRICT_ANSI__ isn’t set

06/05/2013 06:18 PM - now (Nikolai Weibull)

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>nobu (Nobuyoshi Nakada)</td>
</tr>
<tr>
<td>Target version:</td>
<td>ruby -v: 2.0.0</td>
</tr>
<tr>
<td>Backport:</td>
<td>1.9.3: UNKNOWN, 2.0.0: UNKNOWN</td>
</tr>
</tbody>
</table>

Description

Hi!

include/ruby/win32.h assumes that STRICT_ANSI isn’t set when it uses controlfp() in rb_w32_pow(). This isn’t the case if you give, for example, -std=c99 to gcc. If __STRICT_ANSI__ is set, float.h won’t define _controlfp(), leading to compilation issues.

Associated revisions

Revision 444086 - 07/08/2013 02:12 PM - nobu (Nobuyoshi Nakada)

win32: for strict ANSI

- thread_win32.c (w32_thread_start_func, thread_start_func_1), (timer_thread_func): use __stdcall instead of _stdcall which is unavailable in strict ANSI mode. [ruby-core:55312] [Bug #8495]

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- win32/win32.c (gettimeofday): use __cdecl instead of __cdecl.

Revision 9487b2cd - 07/08/2013 02:12 PM - nobu (Nobuyoshi Nakada)
numeric.c: for strict ANSI

- numeric.c (finite): add declaration for strict ANSI. [ruby-core:55312] [Bug #8495]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@41835 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 41835 - 07/08/2013 02:12 PM - nobu (Nobuyoshi Nakada)
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git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@41836 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 41836 - 07/08/2013 02:13 PM - nobu (Nobuyoshi Nakada)
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Revision 41836 - 07/08/2013 02:13 PM - nobu (Nobuyoshi Nakada)

08/06/2021
Revision 41836 - 07/08/2013 02:13 PM - nobu (Nobuyoshi Nakada)

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Revision 3c9e6f1e - 07/11/2013 12:30 PM - nobu (Nobuyoshi Nakada)

```
win32/c: fix infinite recursion
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```
win32/win32.c (rb_w32_pow): undef pow to get rid of infinite recursive call. re-fix [Bug #8495]. [ruby-core:55923] [Bug #8621]
git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@41923 b2dd03c8-39d4-4d8f-98ff-823fe69b080e
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Revision 41923 - 07/11/2013 12:30 PM - nobu (Nobuyoshi Nakada)

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Hello Nikolai,

Thanks for the report.

Can you provide us with a concrete example where this issue is happening?

Also, seems you’ve already dig into this to provide this feedback, any particular resolution suggestion?

#2 - 06/05/2013 09:53 PM - Anonymous
On Wed, Jun 5, 2013 at 11:20 AM, luislavena (Luis Lavena)
luislavena@gmail.com wrote:

Issue #8495 has been updated by luislavena (Luis Lavena).

Status changed from Open to Feedback

Hello Nikolai,

Thanks for the report.

Can you provide us with a concrete example where this issue is happening?

As I said, I add -std=c99 to CFLAGS, which defines STRICT_ANSI.
If you want a specific repository, its at http://github.com/now/u/.

Also, seems you’ve already dig into this to provide this feedback, any particular resolution suggestion?

Change line 793 to

#elif defined(MINGW64_VERSION_MAJOR) && !defined(STRICT_ANSI__)

perhaps?

#3 - 07/08/2013 07:09 AM - luislavena (Luis Lavena)
- Status changed from Feedback to Assigned
- Assignee set to nobu (Nobuyoshi Nakada)

#4 - 07/08/2013 11:12 PM - nobu (Nobuyoshi Nakada)
- Status changed from Assigned to Closed
- % Done changed from 0 to 100

This issue was solved with changeset r41834.
Nikolai, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

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