

Ruby master - Feature #6421

Add zlibwapi to extconf.rb file for zlib library

05/10/2012 08:04 PM - djberg96 (Daniel Berger)

Status:	Closed	
Priority:	Normal	
Assignee:	luislavena (Luis Lavena)	
Target version:	2.0.0	
Description		
<p>The vstudio contrib solution in zlib 1.2.7 creates a "zlibwapi" dll file. According to the readme.txt file, "The new DLL was renamed because there exist several incompatible versions of zlib.dll on the Internet."</p> <p>So, I propose this very modest adjustment to the extconf.rb file for zlib:</p> <pre>-if %w'z libz zlib1 zlib zdll'.find { z have_library(z, 'deflateReset')} and +if %w'z libz zlib1 zlib zdll zlibwapi'.find { z have_library(z, 'deflateReset')} and</pre> <p>Regards,</p> <p>Dan</p>		
Related issues:		
Related to Backport193 - Backport #7293: Backport: Add zlibwapi to extconf.rb...	Closed	11/07/2012

Associated revisions

Revision 95cd5aaa - 11/06/2012 06:50 PM - luislavena (Luis Lavena)

Recognize zlibwapi as linking library

- ext/zlib/extconf.rb: Recognize zlibwapi as linking library. Patch by Daniel Berger.

[ruby-core:44979] [Feature #6421]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@37527 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 37527 - 11/06/2012 06:50 PM - luislavena (Luis Lavena)

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[ruby-core:44979] [Feature #6421]

Revision d8665830 - 11/08/2012 08:34 AM - usa (Usaku NAKAMURA)

merge revision(s) 37527: [Backport #7293]

```
* ext/zlib/extconf.rb: Recognize zlibwapi as linking library.  
Patch by Daniel Berger.  
[ruby-core:44979] [Feature #6421]
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_1_9_3@37561 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

History

#1 - 05/11/2012 08:11 AM - luislavena (Luis Lavena)

- Status changed from Open to Assigned
- Assignee set to usa (Usaku NAKAMURA)

Hello,

According to the wiki, zlib has no maintainer:
<http://bugs.ruby-lang.org/projects/ruby/wiki/Maintainers>

Was my understanding that zlibwapi exported symbols as stdcall and not cdecl.

Assigning to Usaku Nakamura.

#2 - 05/11/2012 03:25 PM - usa (Usaku NAKAMURA)

Have anyone tested it?
If it has enough compatibility with normal zlib, there is no problem
I think.

#3 - 05/11/2012 03:46 PM - phasis68 (Heesob Park)

I have tested it.
The zlibwapi.dll can be stdcall or cdecl depend on the macro ZLIB_WINAPI defined or not.

I think there is no problem if it is not accepted.
You can rename zlibwapi.dll and zlibwapi.lib to zlib.dll and zlib.lib.

#4 - 05/11/2012 10:29 PM - luislavena (Luis Lavena)

phasis68 (Heesob Park) wrote:

```
I have tested it.  
The zlibwapi.dll can be stdcall or cdecl depend on the macro ZLIB_WINAPI defined or not.
```

Just to be sure, Ruby zlib extension will need to ensure ZLIB_WINAPI is not defined (undef if necessary)

#5 - 10/31/2012 03:39 PM - usa (Usaku NAKAMURA)

- Assignee changed from usa (Usaku NAKAMURA) to luislavena (Luis Lavena)

Sorry, I can't understand the conclusion.

- (1) should apply the 1 line patch because it doesn't cause any problem.
- (2) no need to apply the patch because the zlibwapi users should change the names of the dll and the lib.

Which?

Luis, you understand this ticket than me.
Please commit the patch or reject this ticket.

#6 - 11/07/2012 03:50 AM - luislavena (Luis Lavena)

- *Status changed from Assigned to Closed*
- *% Done changed from 0 to 100*

This issue was solved with changeset r37527.
Daniel, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

Recognize zlibwapi as linking library

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[ruby-core:44979] [Feature [#6421](#)]

#7 - 11/07/2012 03:53 AM - luislavena (Luis Lavena)

- *Target version changed from 1.9.3 to 2.0.0*

usa (Usaku NAKAMURA) wrote:

Sorry, I can't understand the conclusion.

Please commit the patch or reject this ticket.

Sorry for late response. I've committed this to trunk in r37527

Will open a backport request too.

Thank you