

## Ruby trunk - Feature #5183

### [PATCH] openssl: add OP\_NO\_COMPRESSION constant

08/11/2011 05:52 AM - normalperson (Eric Wong)

<b>Status:</b>	Closed
<b>Priority:</b>	Normal
<b>Assignee:</b>	MartinBosslet (Martin Bosslet)
<b>Target version:</b>	1.9.3
<b>Description</b>	
<p>Disabling OpenSSL compression can save memory since zlib buffers enforce a rather large per-connection overhead. For memory-constrained systems that have OpenSSL built against zlib, there can be a drastic reduction in memory usage with 1000 open connections:</p> <p>Compression enabled VmRSS: 596132 kB Compression disabled VmRSS: 21924 kB</p> <p>The above was generated with openssl 1.0.0.d-3 on Debian testing (x86_64). The NOCOMP environment variable controls compression in the attached script.</p> <p>If you prefer: git pull git://bogomips.org/ruby openssl-no-compression</p>	

#### Associated revisions

##### Revision 1be5789e - 08/15/2011 01:10 AM - emboss

- ext/openssl/openssl.c: Support disabling OpenSSL compression.
- test/openssl/test\_ssl.rb: Add a test for it. Thanks to Eric Wong for the patch. [Ruby 1.9 - Feature #5183] [ruby-core:38911]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@32973 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

##### Revision 32973 - 08/15/2011 01:10 AM - emboss

- ext/openssl/openssl.c: Support disabling OpenSSL compression.
- test/openssl/test\_ssl.rb: Add a test for it. Thanks to Eric Wong for the patch. [Ruby 1.9 - Feature #5183] [ruby-core:38911]

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- ext/openssl/openssl.c: Support disabling OpenSSL compression.
- test/openssl/test\_ssl.rb: Add a test for it. Thanks to Eric Wong for the patch. [Ruby 1.9 - Feature #5183] [ruby-core:38911]

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#### Revision b3ed3c9e - 08/15/2011 01:20 AM - emboss

- backport r32973 from trunk.
- ext/openssl/openssl.c: Support disabling OpenSSL compression.
- test/openssl/test\_ssl.rb: Add a test for it.  
Thanks to Eric Wong for the patch.  
[Ruby 1.9 - Feature #5183] [ruby-core:38911]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby\_1\_9\_3@32975 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

### History

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#### #1 - 08/15/2011 10:10 AM - Anonymous

- Status changed from Open to Closed
- % Done changed from 0 to 100

This issue was solved with changeset r32973.  
Eric, thank you for reporting this issue.  
Your contribution to Ruby is greatly appreciated.  
May Ruby be with you.

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#### #2 - 08/15/2011 10:26 AM - MartinBosslet (Martin Bosslet)

- Target version changed from 2.0.0 to 1.9.3

I can only repeat what Motohiro said the other day - thanks a lot for your contribution, Eric!

I also backported this to 1.9.3, as I can only see benefit in this patch.

It shouldn't affect the stability of 1.9.3. But please object if anyone thinks different, then I would revert the commit right away.

#### #3 - 08/15/2011 05:53 PM - kosaki (Motohiro KOSAKI)

2011/8/15 Martin Bosslet [Martin.Bosslet@gmail.com](mailto:Martin.Bosslet@gmail.com):

Issue [#5183](#) has been updated by Martin Bosslet.

Target version changed from 1.9.x to 1.9.3

I can only repeat what Motohiro said the other day - thanks a lot for your contribution, Eric!

I also backported this to 1.9.3, as I can only see benefit in this patch.

It shouldn't affect the stability of 1.9.3.

At least, I agree with you. :)

But please object if anyone thinks different, then I would revert the commit right away.

## Files

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0001-openssl-add-OP_NO_COMPRESSION-constant.patch	3.29 KB	08/11/2011	normalperson (Eric Wong)
ossl-memory-usage-no-comp.rb	1.06 KB	08/11/2011	normalperson (Eric Wong)