Ruby master - Bug #5972
OpenSSL::ASN1::GeneralString - double INT2NUM() results in invalid ASN.1 tag

02/05/2012 10:29 PM - grawity (Mantas Mikulėnas)

Status: Closed
Priority: Normal
Assignee: MartinBosslet (Martin Bosslet)
Target version: 2.0.0
ruby -v:
ruby 1.9.3p0 (2011-10-30 revision 33570) [x86_64-linux]

Description
In ext/openssl/ossl_asn1.c, INT2NUM() is being called twice for V_ASN1_GENERALSTRING:

rb_hash_aset(class_tag_map, cASN1GeneralString, INT2NUM(INT2NUM(V_ASN1_GENERALSTRING)));

This causes OpenSSL::ASN1::GeneralString.new to return "unsupported ASN.1 type":

$ irb -ropenssl
irb > OpenSSL::ASN1::GeneralString.new("foo").to_der
OpenSSL::ASN1::ASN1Error: unsupported ASN.1 type
 from (irb):1 in to_der
 from (irb):1
 from /usr/bin/irb:12:in'
 irb >

Expected result:

$ irb -ropenssl
irb > OpenSSL::ASN1::GeneralString.new("foo").to_der
=> "\e\03foo"
 irb >

Patch attached.

Associated revisions
Revision 460c8907 - 02/08/2012 01:03 AM - emboss
- ext/openssl/ossl_asn1.c: Call INT2NUM only once for GeneralString. Thanks to Mantas Mikulenas for noticing and providing a patch! [ruby-core:42358] [Bug #5972]
git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@34469 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

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[ruby-core:42358] [Bug #5972]

Revision a59554c7 - 02/08/2012 01:36 AM - naruse (Yui NARUSE)
merge revision(s) 34469: [Backport #5982]

* ext/openssl/ossl_asn1.c: Call INT2NUM only once for GeneralString.
  Thanks to Mantas Mikulenas for noticing and providing a patch!
  [ruby-core:42358] [Bug #5972]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_1_9_3@34472 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

History

#1 - 02/06/2012 05:03 AM - MartinBosslet (Martin Bosslet)
  - Assignee set to MartinBosslet (Martin Bosslet)
  - Target version set to 2.0.0

#2 - 02/08/2012 10:03 AM - Anonymous
  - Status changed from Open to Closed
  - % Done changed from 0 to 100
  
This issue was solved with changeset r34469.
Mantas, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

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  [ruby-core:42358] [Bug #5972]

Files

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<thead>
<tr>
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<th>Author</th>
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<tr>
<td>ruby-1.9.3-p0-openssl-generalstring.patch</td>
<td>914 Bytes</td>
<td>02/05/2012</td>
<td>grawity (Mantas Mikulėnas)</td>
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