Ruby master - Feature #5787
OpenSSL::X509::Name#to_a Improvement (Patch Attached)
12/22/2011 03:30 AM - reaperhulk (Paul Kehrer)

<table>
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<tr>
<td>Priority:</td>
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</tr>
<tr>
<td>Assignee:</td>
<td>MartinBosslet (Martin Bosslet)</td>
</tr>
<tr>
<td>Target version:</td>
<td>2.0.0</td>
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**Description**

In ruby 1.8/1.9/trunk the OpenSSL::X509::Name#to_a method attempts to map OIDs to short names. If an OID has no associated shortname this causes it to return the string "$UNDEF". It would be much more useful if it returned the OID in this situation. I've written a patch and test for the patch and attached it to this bug in unified diff format.

You can also see the change at https://github.com/reaperhulk/ruby/commit/ff74d5c496fc6e71daa793c5ba7a24b0f2e7f98

**Related issues:**

Related to Backport193 - Backport #5983: Please backport r34481

**Associated revisions**

Revision 45706e70 - 02/08/2012 04:19 AM - emboss

- ext.openssl/ossl_x509name.c: Use the numerical representation of unrecognized OIDs instead of the sn "$UNDEF".
- test/openssl/test_x509name.rb: Add tests for the fixed behavior.

Patch provided by Paul Kehrer, thank you!
[ruby-core:41769] [Feature #5787]

**Revision 34481 - 02/08/2012 04:19 AM - emboss**

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Revision ee19d586 - 02/08/2012 09:51 AM - naruse (Yui NARUSE)
merge revision(s) 34481,34488: [Backport #5983]

Patch provided by Paul Kehrer, thank you!
[ruby-core:41769] [Feature #5787]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_1_9_3@34489 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

History
#1 - 12/22/2011 05:13 AM - reaperhulk (Paul Kehrer)
- File name-fix-v2.diff added

Updated patch to avoid a probable memory leak. I don’t do much in C so if I still have a mistake please let me know! The github diff is at https://github.com/reaperhulk/ruby/compare/trunk
That's a good idea, Paul, thanks. It's also in line with RFC 4514 (the former 2253). I'll have to check whether this causes problems when again parsing such a string representation and probably fix that, too. But once that's done I'm going to apply your patch.

Great news, let me know if there's anything I can do to help.

This issue was solved with changeset r34481. Paul, thank you for reporting this issue. Your contribution to Ruby is greatly appreciated. May Ruby be with you.

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