

## Ruby trunk - Feature #5787

### OpenSSL::X509::Name#to\_a Improvement (Patch Attached)

12/22/2011 03:30 AM - reaperhulk (Paul Kehrer)

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>	MartinBosslet (Martin Bosslet)	
<b>Target version:</b>	2.0.0	
<b>Description</b>		
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 <a href="https://github.com/reaperhulk/ruby/commit/ff74d5c496fc6e71daa793c5baf7a24b0f2e7f98">https://github.com/reaperhulk/ruby/commit/ff74d5c496fc6e71daa793c5baf7a24b0f2e7f98</a>		
<b>Related issues:</b>		
Related to Backport193 - Backport #5983: Please backport r34481	<b>Closed</b>	<b>02/08/2012</b>

#### Associated revisions

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

- ext/openssl/openssl\_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]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@34481 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

##### 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]

```
* ext/openssl/openssl_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.
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[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

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### #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>

**#2 - 12/22/2011 09:41 AM - MartinBosslet (Martin Bosslet)**

- Status changed from Open to Assigned
- Assignee set to MartinBosslet (Martin Bosslet)
- Target version set to 2.0.0

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.

**#3 - 12/22/2011 11:57 PM - reaperhulk (Paul Kehrer)**

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

**#4 - 02/08/2012 01:19 PM - Anonymous**

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

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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[ruby-core:41769] [Feature [#5787](#)]

**Files**

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name-fix.diff	2.7 KB	12/22/2011	reaperhulk (Paul Kehrer)
name-fix-v2.diff	2.6 KB	12/22/2011	reaperhulk (Paul Kehrer)