

Ruby - Bug #12868

Please backport r55074 (openssl, fix ex_data index for X509_STORE_CTX)

10/23/2016 02:02 PM - rhenium (Kazuki Yamaguchi)

Status:	Closed	
Priority:	Normal	
Assignee:		
Target version:		
ruby -v:		
Backport:		2.1: UNKNOWN, 2.2: DONE, 2.3: DONE
Description		
Please backport r55074 ("openssl: register ex_data index for X509_STORE_{CTX,} respectively").		
In Ruby <= 2.3, ext/openssl misused one ex_data index for both X509_STORE and X509_STORE_CTX, and it was working just by chance. This will also fix the symbol conflict which happens when ext/openssl is built with OpenSSL <= 1.0.2 and 1.1.0 is loaded by another dependency (#12830).		

Associated revisions

Revision 93bceb14a426f4c2266a47b50cd5ff79d5f5a1c8 - 11/05/2016 02:48 AM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 55074: [Backport #12868]

```
* ext/openssl/openssl.c (Init_openssl): register an ex_data index for
X509_STORE and X509_STORE_CTX respectively. Since they don't share
the ex_data index registry, we can't use the same index.
(ossl_verify_cb): use the the correct index.

* ext/openssl/openssl_ssl.c (ossl_ssl_verify_callback): ditto.

* ext/openssl/openssl_x509store.c (ossl_x509store_set_vfy_cb): ditto.
(ossl_x509stctx_verify): ditto.

* ext/openssl/openssl.h (void ossl_clear_error): add extern declarations
of ossl_store_{ctx_,}ex_verify_cb_idx.

* ext/openssl/openssl_missing.c: remove X509_STORE_set_ex_data and
X509_STORE_get_ex_data.

* ext/openssl/openssl_missing.h: implement X509_STORE_get_ex_data,
X509_STORE_set_ex_data and X509_STORE_get_ex_new_index as macros.
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_3@56565 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 93bceb14 - 11/05/2016 02:48 AM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 55074: [Backport #12868]

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Revision a240b37c74876507f8ed8d0cd122bf4b42825bb3 - 11/11/2016 10:36 PM - U.Nakamura

merge revision(s) 55074: [Backport #12868]

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git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_2@56727 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision a240b37c - 11/11/2016 10:36 PM - U.Nakamura

merge revision(s) 55074: [Backport #12868]

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History

#1 - 10/24/2016 08:49 AM - vo.x (Vit Ondruch)

I am going to use this patch [1](#) in Fedora if it helps.

#2 - 11/05/2016 02:48 AM - nagachika (Tomoyuki Chikanaga)

- Backport changed from 2.1: UNKNOWN, 2.2: REQUIRED, 2.3: REQUIRED to 2.1: UNKNOWN, 2.2: REQUIRED, 2.3: DONE

ruby_2_3 r56565 merged revision(s) 55074.

#3 - 11/11/2016 10:36 PM - usa (Usaku NAKAMURA)

- Backport changed from 2.1: UNKNOWN, 2.2: REQUIRED, 2.3: DONE to 2.1: UNKNOWN, 2.2: DONE, 2.3: DONE

ruby_2_2 r56727 merged revision(s) 55074.