

Ruby - Bug #12680

Please backport memory leak fixes in ext/openssl

08/16/2016 08:43 AM - rhenium (Kazuki Yamaguchi)

Status:	Closed	Backport: 2.1: UNKNOWN, 2.2: REQUIRED, 2.3: DONE
Priority:	Normal	
Assignee:		
Target version:		
ruby -v:		
Description		
The following methods have an issue of memory leak:		
• OpenSSL::X509::ExtensionFactory#create_ext • OpenSSL::X509::ExtensionFactory#config= • OpenSSL::X509::Extension#oid= • OpenSSL::X509::Extension#value= • OpenSSL::X509::Attribute#oid= • OpenSSL::X509::Request#set_attributes, #add_attribute • OpenSSL::X509::Revoked#set_extensions, #add_extension • OpenSSL::PKCS12.create • OpenSSL::PKey::EC#export • OpenSSL::PKCS7#verify • OpenSSL::PKCS7#add_data		
They are fixed on GitHub ruby/openssl but they all exist in stable branches.		
Here are the fixing commits:		
https://github.com/ruby/openssl/compare/3a2840e80d275895523a526ce56e4f6e7b8f9cc4...1e30cd395b14ef46e04bdd9ab72f10067890b265		
Or please use the attached patch that applies on top of ruby_2_3 branch if preferred.		

Associated revisions

Revision ea5e22d102a357114846874c2ff641f4a18dbdf1 - 08/26/2016 06:48 PM - nagachika (Tomoyuki Chikanaga)

backport fix memory leak from upstream.

<https://github.com/ruby/openssl/compare/3a2840e80d275895523a526ce56e4f6e7b8f9cc4...1e30cd395b14ef46e04bdd9ab72f10067890b265>

patches are provided by rhe (Kazuki Yamaguchi).

- ext/openssl/openssl_config.c: fix memory leak. [ruby-core:76922] [Bug #12680]
- ext/openssl/openssl_ocsp.c: ditto.
- ext/openssl/openssl_pkcs12.c: ditto.
- ext/openssl/openssl_pkcs7.c: ditto.
- ext/openssl/openssl_pkey_ec.c: ditto.
- ext/openssl/openssl_x509.h: ditto.
- ext/openssl/openssl_x509attr.c: ditto.
- ext/openssl/openssl_x509crl.c: ditto.
- ext/openssl/openssl_x509ext.c: ditto.
- ext/openssl/openssl_x509req.c: ditto.
- ext/openssl/openssl_x509revoked.c: ditto.

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_3@56018 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision ea5e22d1 - 08/26/2016 06:48 PM - nagachika (Tomoyuki Chikanaga)

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git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_3@56018 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 18f287a36de45edcd39541015b445ee0b954e7b1 - 08/29/2016 08:36 PM - nagachika (Tomoyuki Chikanaga)

backport additional fix memory leak from openssl upstream.

<https://github.com/ruby/openssl/commit/e76f076f093efb93dabf2cb042c527500f956061>

patches are provided by rhe (Kazuki Yamaguchi).

- ext/openssl/openssl_x509ext.c: additional fix memory leak.
[ruby-core:76922] [Bug #12680]
- test/openssl/test_x509ext.rb: test for above.

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_3@56032 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 18f287a3 - 08/29/2016 08:36 PM - nagachika (Tomoyuki Chikanaga)

backport additional fix memory leak from openssl upstream.

<https://github.com/ruby/openssl/commit/e76f076f093efb93dabf2cb042c527500f956061>

patches are provided by rhe (Kazuki Yamaguchi).

- ext/openssl/openssl_x509ext.c: additional fix memory leak.
[ruby-core:76922] [Bug #12680]
- test/openssl/test_x509ext.rb: test for above.

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_3@56032 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

History

#1 - 08/26/2016 06:50 PM - 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

Thank you for your great work!

The patches are applied on ruby_2_3 branch at r56018.

#2 - 08/28/2016 09:53 AM - rhenium (Kazuki Yamaguchi)

nagachika-san:

I'm so sorry, the third one of the patches was broken. Could you backport this as well?

<https://github.com/ruby/openssl/commit/e76f076f093efb93dabf2cb042c527500f956061>

#3 - 08/29/2016 04:34 AM - nagachika (Tomoyuki Chikanaga)

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

#4 - 08/29/2016 08:37 PM - 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

Files

patches-ruby-2-3.tar.gz	6.69 KB	08/16/2016	reonium (Kazuki Yamaguchi)
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