

Ruby trunk - Bug #6231

OpenSSL: Implicit conversion from long to int

03/31/2012 06:01 AM - luislavena (Luis Lavena)

Status: Closed	
Priority: Normal	
Assignee: MartinBosslet (Martin Bosslet)	
Target version: 2.0.0	
ruby -v: ruby 2.0.0dev (2012-03-30 trunk 35174) [x86_64-darwin10.8.0]	Backport:

Description

=begin
Hello,

The following warnings were triggered by clang in OpenSSL

```
compiling ../../ext/openssl/openssl_pkcs5.c
../../ext/openssl/openssl_pkcs5.c:39:46: warning: implicit conversion loses integer precision: 'long' to 'int'
[-Wshorten-64-to-32]
if (PKCS5_PBKDF2_HMAC(RSTRING_PTR(pass), RSTRING_LEN(pass),
~~~~~
../../include/ruby/ruby.h:691:6: note: expanded from:
RSTRING_EMBED_LEN(str) : \
^
../../include/ruby/ruby.h:687:6: note: expanded from:
(long)((RBASIC(str)->flags >> RSTRING_EMBED_LEN_SHIFT) & \
~~~~~
../../ext/openssl/openssl_pkcs5.c:39:46: warning: implicit conversion loses integer precision: 'long' to 'int'
[-Wshorten-64-to-32]
if (PKCS5_PBKDF2_HMAC(RSTRING_PTR(pass), RSTRING_LEN(pass),
~~~~~
../../include/ruby/ruby.h:692:28: note: expanded from:
RSTRING(str)->as.heap.len)
^
../../ext/openssl/openssl_pkcs5.c:40:42: warning: implicit conversion loses integer precision: 'long' to 'int'
-Wshorten-64-to-32RSTRING_PTR(salt), RSTRING_LEN(salt),
~~~~~
../../include/ruby/ruby.h:691:6: note: expanded from:
RSTRING_EMBED_LEN(str) : \
^
../../include/ruby/ruby.h:687:6: note: expanded from:
(long)((RBASIC(str)->flags >> RSTRING_EMBED_LEN_SHIFT) & \
~~~~~
../../ext/openssl/openssl_pkcs5.c:40:42: warning: implicit conversion loses integer precision: 'long' to 'int'
-Wshorten-64-to-32RSTRING_PTR(salt), RSTRING_LEN(salt),
~~~~~
../../include/ruby/ruby.h:692:28: note: expanded from:
RSTRING(str)->as.heap.len)
=end
```

History

#1 - 06/10/2012 04:48 AM - MartinBosslet (Martin Bosslet)

- Status changed from Assigned to Closed

Was fixed by nobu in r35428. Thanks!