

## Ruby trunk - Bug #6231

### OpenSSL: Implicit conversion from long to int

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

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

#### Description

=begin  
Hello,

The following warnings were triggered by clang in OpenSSL

```
compiling ../../ext/openssl/ossl_pkcs5.c
../../ext/openssl/ossl_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/ossl_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/ossl_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/ossl_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!