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)
  ^
.../../../../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-32 RSTRING_PTR(salt), RSTRING_LEN(salt),
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.../../../../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-32 RSTRING_PTR(salt), RSTRING_LEN(salt),
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.../../../../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!