

Lasso - Bug #5062

Error bulid on CentOS release 6.5 (Final)

27 juin 2014 14:14 - Timour Ezizov

Statut:	Fermé	Début:	27 juin 2014
Priorité:	Bas	Echéance:	
Assigné à:		% réalisé:	0%
Catégorie:		Temps estimé:	0:00 heure
Version cible:	future	Planning:	
Patch proposed:	Non		
Description			
Can't build on Centos			
Full log in attachment			
lasso.c: In function 'lasso_init': lasso.c:176: error: 'openssl' undeclared (first use in this function) lasso.c:176: error: (Each undeclared identifier is reported only once lasso.c:176: error: for each function it appears in.) make ⁴ : * [lasso.lo] Error 1 make⁴: Leaving directory `/home/tez/tmp2/lasso-2.4.0/lasso' make³: [all-recursive] Error 1 make ³ : Leaving directory `/home/tez/tmp2/lasso-2.4.0/lasso' make ² : [all] Error 2 make²: Leaving directory `/home/tez/tmp2/lasso-2.4.0/lasso' make¹: [all-recursive] Error 1 make ¹ : Leaving directory `/home/tez/tmp2/lasso-2.4.0' make: ** [all] Error 2			
[tez@localhost lasso-2.4.0]\$ uname -a Linux localhost.localdomain 2.6.32-431.20.3.el6.i686 #1 SMP Thu Jun 19 19:51:30 UTC 2014 i686 i686 i386 GNU/Linux			

Historique

#1 - 27 juin 2014 15:56 - Timour Ezizov

- Fichier lasso_64_build_error.txt ajouté

In CentOS 6 64 bit same situation
Log attached.

#2 - 30 juin 2014 13:52 - Timour Ezizov

Changing lasso.c file line 178
- if (xmlSecCryptoDLLoadLibrary(BAD_CAST XMLSEC_CRYPTO))
+ if (xmlSecCryptoDLLoadLibrary(BAD_CAST "openssl"))

did the trick, but...

#3 - 30 juin 2014 14:16 - Frédéric Péters

It looks like mssing quotes in the xmlsec1-openssl.pc file, could you check?

```
$ pkg-config --cflags xmlsec1-openssl  
-DXMLSEC_CRYPTO=\"openssl\" -D__XMLSEC_FUNCTION__=__FUNCTION__ -DXMLSEC_NO_SIZE_T -DXMLSEC_NO_GOST=1 -DXMLSEC_  
NO_XKMS=1 -DXMLSEC_NO_CRYPTO_DYNAMIC_LOADING=1 -DXMLSEC_OPENSSL_098=1 -DXMLSEC_CRYPTO_OPENSSL=1 -I/usr/include  
/libxml2 -I/usr/include/xmlsec1
```

#4 - 30 juin 2014 20:30 - Timour Ezizov

So,
if I run:

```
pkg-config --cflags xmlsec1-openssl
```

```
-DXMLSEC_CRYPTO="openssl" -D__XMLSEC_FUNCTION__=__FUNCTION__ -DXMLSEC_NO_GOST=1 -DXMLSEC_NO_XKMS=1 -DXMLSEC_DL_LIBLTDL=1 -DXMLSEC_OPENSSL_100=1 -DXMLSEC_CRYPTO_OPENSSL=1 -I/usr/include/xmlsec1 -I/usr/include/libxml2
```

but file self is:

```
cat /usr/lib/pkgconfig/xmlsec1-openssl.pc
```

```
prefix=/usr
exec_prefix=/usr
libdir=/usr/lib
includedir=/usr/include
```

```
Name: xmlsec1-openssl
```

```
Version: 1.2.19
```

```
Description: XML Security Library implements XML Signature and XML Encryption standards
```

```
Requires: libxml-2.0 >= 2.7.4 libxslt >= 1.0.20
```

```
Cflags: -DXMLSEC_CRYPTO="openssl\" -D__XMLSEC_FUNCTION__=__FUNCTION__ -DXMLSEC_NO_GOST=1 -DXMLSEC_NO_XKMS=1
```

```
-DXMLSEC_DL_LIBLTDL=1 -I/usr/include/xmlsec1 -DXMLSEC_OPENSSL_100=1 -DXMLSEC_CRYPTO_OPENSSL=1
```

```
Libs: -L/usr/lib -lxmlsec1-openssl -lxmlsec1 -lltdl -lssl -lcrypto
```

also I found bug <http://www.freebsd.org/cgi/query-pr.cgi?pr=152070> related to LASSO

and if I revert xmlsec1-openssl.pc file to (triple backslash \\) then I have correct output

```
pkg-config --cflags xmlsec1-openssl
```

```
-DXMLSEC_CRYPTO="openssl\" -D__XMLSEC_FUNCTION__=__FUNCTION__ -DXMLSEC_NO_GOST=1 -DXMLSEC_NO_XKMS=1 -DXMLSEC_DL_LIBLTDL=1 -DXMLSEC_OPENSSL_100=1 -DXMLSEC_CRYPTO_OPENSSL=1 -I/usr/include/xmlsec1 -I/usr/include/libxml2
```

and can't build

Errors like this:

```
ake[5]: Entering directory `/home/tez/dev/lasso-2.4.0/lasso/xml/saml-2.0'
  CC      saml2_action.lo
<command-line>: warning: "XMLSEC_CRYPTO" redefined
<command-line>: warning: this is the location of the previous definition
  CC      saml2_advice.lo
<command-line>: warning: "XMLSEC_CRYPTO" redefined
<command-line>: warning: this is the location of the previous definition
  CC      saml2_assertion.lo
```

#5 - 06 mars 2015 15:58 - Benjamin Dauvergne

- *Priorité changé de Haut à Bas*

#6 - 03 septembre 2015 16:47 - Benjamin Dauvergne

- *Version cible mis à future*

#7 - 03 septembre 2015 16:59 - Benjamin Dauvergne

- *Statut changé de Nouveau à Fermé*

Bug was in the .pc file.

Fichiers

lasso_2.4_error.txt	15,2 ko	27 juin 2014	Timour Ezizov
lasso_64_build_error.txt	15,3 ko	27 juin 2014	Timour Ezizov