

## QGIS Application - Bug report #4585

### Building QGIS 1.7.2 fails on SLES 11

2011-12-01 12:27 AM - Otto Dassau

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------------------------|
| <b>Status:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Closed        |                                     |
| <b>Priority:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Normal        |                                     |
| <b>Assignee:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                                     |
| <b>Category:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Build/Install |                                     |
| <b>Affected QGIS version:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               | <b>Regression?:</b> No              |
| <b>Operating System:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | SLES 11       | <b>Easy fix?:</b> No                |
| <b>Pull Request or Patch supplied:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | No            | <b>Resolution:</b> fixed            |
| <b>Crashes QGIS or corrupts data:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |               | <b>Copied to github as #:</b> 14492 |
| <b>Description</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                     |
| <p>Hi,</p> <p>QGIS 1.7.1 and 1.7.2 doesn't build (1.7.0 was ok) on SLES 11 anymore. Any help is welcome. Below you find the CMakeError.log:</p> <p>Regards<br/>Otto</p> <p>1. CMakeError.log #####</p> <p>Determining if the function openpty exists failed with the following output:<br/>Change Dir: /usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp</p> <p>Run Build Command:/usr/bin/gmake "cmTryCompileExec/fast"<br/>/usr/bin/gmake -f CMakeFiles/cmTryCompileExec.dir/build.make CMakeFiles/cmTryCompileExec.dir/build<br/>gmake[1]: Entering directory `/usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp'<br/>/usr/bin/cmake -E cmake_progress_report /usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp/CMakeFiles 1<br/>Building C object CMakeFiles/cmTryCompileExec.dir/CheckFunctionExists.c.o<br/>/usr/bin/gcc -fmessage-length=0 -O2 -Wall -D_FORTIFY_SOURCE=2 -fstack-protector -funwind-tables<br/>-fasynchronous-unwind-tables -g -DCHECK_FUNCTION_EXISTS=openpty -o<br/>CMakeFiles/cmTryCompileExec.dir/CheckFunctionExists.c.o -c /usr/share/cmake/Modules/CheckFunctionExists.c<br/>Linking C executable cmTryCompileExec<br/>/usr/bin/cmake -E cmake_link_script CMakeFiles/cmTryCompileExec.dir/link.txt --verbose=1<br/>/usr/bin/gcc -fmessage-length=0 -O2 -Wall -D_FORTIFY_SOURCE=2 -fstack-protector -funwind-tables<br/>-fasynchronous-unwind-tables -g -DCHECK_FUNCTION_EXISTS=openpty -fPIC<br/>CMakeFiles/cmTryCompileExec.dir/CheckFunctionExists.c.o -o cmTryCompileExec -rdynamic<br/>CMakeFiles/cmTryCompileExec.dir/CheckFunctionExists.c.o: In function `main':<br/>/usr/share/cmake/Modules/CheckFunctionExists.c:11: undefined reference to `openpty'<br/>collect2: ld returned 1 exit status<br/>gmake[1]: *** [cmTryCompileExec] Error 1<br/>gmake[1]: Leaving directory `/usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp'<br/>gmake: *** [cmTryCompileExec/fast] Error 2</p> <p>Determining if the Q_WS_WIN exist failed with the following output:<br/>Change Dir: /usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp</p> <p>Run Build Command:/usr/bin/gmake "cmTryCompileExec/fast"<br/>/usr/bin/gmake -f CMakeFiles/cmTryCompileExec.dir/build.make CMakeFiles/cmTryCompileExec.dir/build<br/>gmake[1]: Entering directory `/usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp'<br/>/usr/bin/cmake -E cmake_progress_report /usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp/CMakeFiles 1</p> |               |                                     |

```
Building C object CMakeFiles/cmTryCompileExec.dir/CheckSymbolExists.c.o
/usr/bin/gcc -fmessage-length=0 -O2 -Wall -D_FORTIFY_SOURCE=2 -fstack-protector -funwind-tables
-fasynchronous-unwind-tables -g -I/usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp/util.h -o
CMakeFiles/cmTryCompileExec.dir/CheckSymbolExists.c.o -c
/usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp/CheckSymbolExists.c
/usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp/CheckSymbolExists.c: In function 'main':
/usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp/CheckSymbolExists.c:8: error: 'Q_WS_WIN' undeclared (first use in
this function)
/usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp/CheckSymbolExists.c:8: error: (Each undeclared identifier is
reported only once
/usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp/CheckSymbolExists.c:8: error: for each function it appears in.)
gmake[1]: *** [CMakeFiles/cmTryCompileExec.dir/CheckSymbolExists.c.o] Error 1
gmake[1]: Leaving directory `/usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp'
gmake: *** [cmTryCompileExec/fast] Error 2
```

File /usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp/CheckSymbolExists.c:

```
/* */
#include <QtCore/qglobal.h>

void cmakeRequireSymbol(int dummy,...){(void)dummy;}
int main()
{
#ifdef Q_WS_WIN
    cmakeRequireSymbol(0,&Q_WS_WIN);
#endif
    return 0;
}
```

Determining if the Q\_WS\_QWS exist failed with the following output:

Change Dir: /usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp

Run Build Command:/usr/bin/gmake "cmTryCompileExec/fast"

```
/usr/bin/gmake -f CMakeFiles/cmTryCompileExec.dir/build.make CMakeFiles/cmTryCompileExec.dir/build
gmake[1]: Entering directory `/usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp'
/usr/bin/cmake -E cmake_progress_report /usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp/CMakeFiles 1
Building C object CMakeFiles/cmTryCompileExec.dir/CheckSymbolExists.c.o
/usr/bin/gcc -fmessage-length=0 -O2 -Wall -D_FORTIFY_SOURCE=2 -fstack-protector -funwind-tables
-fasynchronous-unwind-tables -g -I/usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp/util.h -o
CMakeFiles/cmTryCompileExec.dir/CheckSymbolExists.c.o -c
/usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp/CheckSymbolExists.c
/usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp/CheckSymbolExists.c: In function 'main':
/usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp/CheckSymbolExists.c:8: error: 'Q_WS_QWS' undeclared (first use
in this function)
/usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp/CheckSymbolExists.c:8: error: (Each undeclared identifier is
reported only once
/usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp/CheckSymbolExists.c:8: error: for each function it appears in.)
gmake[1]: *** [CMakeFiles/cmTryCompileExec.dir/CheckSymbolExists.c.o] Error 1
gmake[1]: Leaving directory `/usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp'
gmake: *** [cmTryCompileExec/fast] Error 2
```

File /usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp/CheckSymbolExists.c:

```
/* */
#include <QtCore/qglobal.h>
```

```

void cmakeRequireSymbol(int dummy,...){(void)dummy;}
int main()
{
#ifdef Q_WS_QWS
    cmakeRequireSymbol(0,&Q_WS_QWS);
#endif
    return 0;
}

```

Determining if the Q\_WS\_MAC exist failed with the following output:

Change Dir: /usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp

Run Build Command:/usr/bin/gmake "cmTryCompileExec/fast"

/usr/bin/gmake -f CMakeFiles/cmTryCompileExec.dir/build.make CMakeFiles/cmTryCompileExec.dir/build

gmake[1]: Entering directory `/usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp'

/usr/bin/cmake -E cmake\_progress\_report /usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp/CMakeFiles 1

Building C object CMakeFiles/cmTryCompileExec.dir/CheckSymbolExists.c.o

/usr/bin/gcc -fmessage-length=0 -O2 -Wall -D\_FORTIFY\_SOURCE=2 -fstack-protector -funwind-tables

-fasynchronous-unwind-tables -g -l/usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp/util.h -o

CMakeFiles/cmTryCompileExec.dir/CheckSymbolExists.c.o -c

/usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp/CheckSymbolExists.c

/usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp/CheckSymbolExists.c: In function 'main':

/usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp/CheckSymbolExists.c:8: error: 'Q\_WS\_MAC' undeclared (first use in this function)

/usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp/CheckSymbolExists.c:8: error: (Each undeclared identifier is reported only once

/usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp/CheckSymbolExists.c:8: error: for each function it appears in.)

gmake[1]: \*\*\* [CMakeFiles/cmTryCompileExec.dir/CheckSymbolExists.c.o] Error 1

gmake[1]: Leaving directory `/usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp'

gmake: \*\*\* [cmTryCompileExec/fast] Error 2

File /usr/src/packages/BUILD/qgis-1.7.2/CMakeFiles/CMakeTmp/CheckSymbolExists.c:

/\* \*/

#include <QtCore/qglobal.h>

```

void cmakeRequireSymbol(int dummy,...){(void)dummy;}
int main()
{

```

```

#ifdef Q_WS_MAC
    cmakeRequireSymbol(0,&Q_WS_MAC);

```

```

#endif
    return 0;
}

```

## History

**#1 - 2011-12-13 06:30 AM - Otto Dassau**

- Resolution set to fixed

- % Done changed from 0 to 100

- Status changed from Open to Closed

Hi,

this ticket is fixed. QGIS 1.7.3 builds again with SLES\_11

Regards

Otto