

Alpine Linux - Bug #6685

gtest-dev missing directory/files in package (non-functional)

01/13/2017 10:12 PM - Jared Biel

Status:	Closed	Start date:	01/13/2017
Priority:	Normal	Due date:	
Assignee:		% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	3.5.1	Security IDs:	
Affected versions:	3.5.0		

Description

Hello - the gtest 1.8.0 package seems to be missing a directory (/usr/include/gtest/internal/custom) and associated files. This results in gtest not working during the build I'm trying to perform (libphonenumber.) Compilation under Alpine 3.4 (with gtest 1.7.0 package) work fine.

```
[ 56%] Building CXX object CMakeFiles/libphonenumber_test.dir/test/phonenumbers/asyoutypeformatter_test.cc.o
In file included from /usr/include/gtest/internal/gtest-internal.h:40:0,
                  from /usr/include/gtest/gtest.h:58,
                  from /root/libphonenumber-8.0.1/cpp/test/phonenumbers/asyoutypeformatter_test.cc:
23:
/usr/include/gtest/internal/gtest-port.h:282:46: fatal error: gtest/internal/custom/gtest-port.h:
No such file or directory
#include "gtest/internal/custom/gtest-port.h"
                                     ^
compilation terminated.
```

internal/gtest-internal.h includes internal/custom-port.h in line 282

<https://github.com/google/googletest/blob/release-1.8.0/googletest/include/gtest/internal/gtest-port.h#L282>

Repro steps (exactly what I'm trying in an alpine:3.5 docker container):

```
apk --update add build-base gtest gtest-dev boost boost-dev protobuf protobuf-dev cmake icu icu-dev openssl
cd /tmp
wget https://github.com/googlei18n/libphonenumber/archive/v8.0.1.tar.gz
tar xf v8.0.1.tar.gz
cd libphonenumber-8.0.1
mkdir build
cd build
cmake -DCMAKE_INSTALL_PREFIX=/usr ../cpp
make -Wno-error=deprecated-declarations -j $(grep -c ^processor /proc/cpuinfo)
```

I'm pretty new to Alpine and am working on trying to get abuild to run so I can debug what happened with the build. I'll update this ticket if I have time to get an abuild environment up and running.

Associated revisions

Revision 773c81ab - 01/16/2017 09:29 AM - Francesco Colista

main/gtest: added missing dir in -dev package. Fixes #6685

Revision 548d5f05 - 01/17/2017 10:13 AM - Francesco Colista

main/gtest: added missing dir in -dev package. Fixes #6685

History

#1 - 01/16/2017 09:29 AM - Anonymous

- Status changed from New to Resolved

- % Done changed from 0 to 100

Applied in changeset [773c81abaf38ed9711114cbe64316eb5e8a5a57](#).

#2 - 01/16/2017 03:59 PM - Jared Biel

Thanks for this fix! Considering the 1.8.0-r0 package is non-functional, is there a process to get 1.8.0-r1 included in v3.5?

#3 - 01/16/2017 05:12 PM - Natanael Copa

- *Status changed from Resolved to New*

- *Target version set to 3.5.1*

yes, this should be backported to 3.5-stable

#4 - 01/17/2017 10:16 AM - Anonymous

- *Status changed from New to Resolved*

Applied in changeset [548d5f059f840db86343544a7d2c31b34467bc05](#).

#5 - 01/24/2017 02:52 PM - Leonardo Arena

- *Status changed from Resolved to Closed*