

## Ceph - Bug #18196

### fail to build ceph-11.0.2 if yasm installed

12/08/2016 08:16 AM - Yixun Lan

<b>Status:</b>	Resolved	<b>Start date:</b>	12/08/2016
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	build	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	v12.0.0	<b>Spent time:</b>	0.00 hour
<b>Source:</b>	Development	<b>Reviewed:</b>	
<b>Tags:</b>		<b>Affected Versions:</b>	v12.0.0
<b>Backport:</b>		<b>ceph-qa-suite:</b>	
<b>Regression:</b>	No	<b>Pull request ID:</b>	
<b>Severity:</b>	3 - minor	<b>Crash signature:</b>	

#### Description

I haven't checked if this issue still exist at master branch..

but, we've got this build err at ceph-11.0.2

it happens if dev-lang/yasm-1.3.0 is installed, no problem if yasm is not installed

from the log, you can see if yasm installed the build system will enable HAVE\_GOOD\_YASM\_ELF64, then got this error

it sounds to me, the build system should call yasm to compile the asm files instead of calling gcc

==== part of the error message ====

```
cd /var/notmpfs/portage/sys-cluster/ceph-11.0.2/work/ceph-11.0.2_build/src && /usr/bin/x86_64-pc-linux-gnu-gcc
-DCEPH_LIBDIR="/usr/lib64" -DCEPH_PKGLIBDIR="/usr/lib64/ce
ph" -D__linux__ -I/var/notmpfs/portage/sys-cluster/ceph-11.0.2/work/ceph-11.0.2_build/src/include
-I/var/notmpfs/portage/sys-cluster/ceph-11.0.2/work/ceph-11.0.2/src -I/usr
/include -I/var/notmpfs/portage/sys-cluster/ceph-11.0.2/work/ceph-11.0.2_build/include
-I/var/notmpfs/portage/sys-cluster/ceph-11.0.2/work/ceph-11.0.2/src/xxHash -O2 -pipe
-march=core2 -f elf64 -fPIC -DHAVE_CONFIG_H -D_CEPH_ -D_REENTRANT -D_THREAD_SAFE
-D__STDC_FORMAT_MACROS -D_GNU_SOURCE -D_FILE_OFFSET_BITS=64 -o CMakeFiles/common.dir/co
mmon/crc32c_intel_fast_asm.S.o -c
/var/notmpfs/portage/sys-cluster/ceph-11.0.2/work/ceph-11.0.2/src/common/crc32c_intel_fast_asm.S
x86_64-pc-linux-gnu-gcc: error: elf64: No such file or directory
x86_64-pc-linux-gnu-gcc: error: unrecognized command line option '-f'
make2: * [src/CMakeFiles/common.dir/build.make:928: src/CMakeFiles/common.dir/common/crc32c_intel_fast_asm.S.o]
Error 1
make2: * Waiting for unfinished jobs....
CC util/lru_cache.o
```

#### History

#1 - 05/31/2017 03:36 PM - Greg Farnum

- Status changed from New to Resolved

There were recent patches to fix stuff involving yasm and x86.

#### Files

build.log	609 KB	12/08/2016	Yixun Lan
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