

## Ceph - Bug #19883

### Remove redundant includes

05/08/2017 11:53 PM - Brad Hubbard

<b>Status:</b>	Closed	<b>Start date:</b>	05/09/2017
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Brad Hubbard	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Spent time:</b>	3.00 hours
<b>Source:</b>	Development	<b>Reviewed:</b>	
<b>Tags:</b>		<b>Affected Versions:</b>	
<b>Backport:</b>		<b>ceph-qa-suite:</b>	
<b>Regression:</b>	No	<b>Pull request ID:</b>	
<b>Severity:</b>	3 - minor		
<b>Description</b>			
Ceph source files contain many redundant #includes. Removing these should, in theory, improve compilation times and reduce dependencies.			

#### History

##### #1 - 05/09/2017 12:15 AM - Brad Hubbard

- Status changed from New to In Progress

<https://github.com/ceph/ceph/pull/15003>

<https://github.com/ceph/ceph/pull/15019>

<https://github.com/ceph/ceph/pull/15042>

##### #2 - 05/15/2017 03:28 PM - Jos Collin

<https://github.com/ceph/ceph/pull/15086>

<https://github.com/ceph/ceph/pull/15169>

<https://github.com/ceph/ceph/pull/15204>

<https://github.com/ceph/ceph/pull/15251>

<https://github.com/ceph/ceph/pull/15267>

<https://github.com/ceph/ceph/pull/15299>

##### #3 - 05/26/2017 11:11 AM - Willem Jan Withagen

Brad,

How did you get these redundancies?  
Just running GCC on Linux?

Having a lot of fallout under FreeBSD/Clang

**#4 - 05/26/2017 11:17 AM - Brad Hubbard**

Hi Willem,

Which PRs/commits specifically are you having issues with?

I don't have access to FreeBSD to test with.

**#5 - 05/28/2017 12:51 PM - Willem Jan Withagen**

Willem Jan Withagen wrote:

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Brad,

How did you get these redundancies?  
Just running GCC on Linux?

Having a lot of fallout under FreeBSD/Clang

Fix the missing includes in  
<https://github.com/ceph/ceph/pull/15337>

**#6 - 06/14/2017 09:47 AM - Willem Jan Withagen**

<https://github.com/ceph/ceph/pull/15685>

core/common: Fix ENODATA for FreeBSD with compat.h

```
- When ENODATA used, compat.h needs to be include before any
  of the includes that could possibly define ENODATA by itself.
  Since otherwise xattr-tests will fail to detect that attributes
  are (not) there.
```

**#7 - 01/29/2018 01:16 AM - Brad Hubbard**

- Status changed from In Progress to Closed