

Ceph - Bug #4170

buffer::ptr::cmp reports a == ab

02/16/2013 04:58 PM - Loic Dachary

Status:	Resolved	Start date:	02/16/2013
Priority:	Normal	Due date:	
Assignee:	Loic Dachary	% Done:	100%
Category:	common	Estimated time:	0.00 hour
Target version:		Spent time:	0.50 hour
Source:	Q/A	Reviewed:	
Tags:		Affected Versions:	
Backport:		ceph-qa-suite:	
Regression:	No	Pull request ID:	
Severity:	3 - minor		
Description			
When running			
<pre>bufferptr a("A", 1); bufferptr ab("AB", 2); a.cmp(ab);</pre>			
it returns zero because the first character is equal and cmp returns prematurely			
Related issues:			
Related to Ceph - Tasks #4066: unit tests for src/include/buffer.h		Resolved	02/09/2013 02/16/2013

Associated revisions

Revision d20bf07e - 02/17/2013 05:46 PM - Loic Dachary

buffer::ptr::cmp only compares up to the smallest length

When running

```
bufferptr a("A", 1);
bufferptr ab("AB", 2);
a.cmp(ab);
```

it returned zero because. cmp only compared up to the length of the smallest buffer and returned if they are identical. The function is modified to compare the length of the buffers instead of returning.

<http://tracker.ceph.com/issues/4170> refs #4170

Signed-off-by: Loic Dachary <loic@dachary.org>

History

#1 - 02/16/2013 05:47 PM - Loic Dachary

Proposed fix <http://marc.info/?l=ceph-devel&m=136106547211918&w=4>

#2 - 02/18/2013 01:08 AM - Loic Dachary

- Status changed from *In Progress* to *Resolved*

- % Done changed from 0 to 100