

## CephFS - Feature #4734

### libcephfs: async interfaces

04/16/2013 12:48 PM - Sam Lang

<b>Status:</b> New	<b>% Done:</b> 0%
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b>	
<b>Target version:</b>	
<b>Source:</b> Development	<b>Affected Versions:</b>
<b>Tags:</b>	<b>Component(FS):</b> Client, libcephfs
<b>Backport:</b>	<b>Labels (FS):</b> Samba/CIFS
<b>Reviewed:</b>	<b>Pull request ID:</b>

**Description**

Implement async interfaces to libcephfs, at the least for the write and read calls.

This is motivated by the ceph vfs module in samba. Samba provides VFS interfaces to perform asynchronous I/O, which are supposed to significantly improve performance:

<https://lists.samba.org/archive/samba-technical/2013-April/091537.html>

#### History

##### #1 - 04/16/2013 01:11 PM - Greg Farnum

If when we do this, whoever does so should please be careful to refactor our synchronous interfaces in terms of the async ones. The numerous paths we have through and around the librados api are **really annoying** and I'd like to avoid that in libcephfs as much as possible.

##### #2 - 05/27/2016 11:07 PM - Greg Farnum

- Category changed from 44 to 43

##### #3 - 03/09/2019 12:26 AM - Patrick Donnelly

- Category deleted (43)

- Labels (FS) Samba/CIFS added

##### #4 - 04/08/2019 06:05 PM - Patrick Donnelly

- Component(FS) Client, libcephfs added