

Cannot remove striped object

06/09/2017 08:44 AM - Jan Kasprzak

Status:	New	% Done:	0%
Priority:	Normal	Spent time:	0.00 hour
Assignee:			
Category:	libradosstriper		
Target version:			
Source:		Affected Versions:	
Tags:		ceph-qa-suite:	
Backport:		Pull request ID:	
Regression:	No	Crash signature (v1):	
Severity:	3 - minor	Crash signature (v2):	
Reviewed:			

```
I have created a RADOS striped object using

$ dd someargs | rados --pool testpool --striper put testfile -

and interrupted it in the middle of writing. Now I cannot remove this object:

$ rados --pool testpool --striper rm testfile
error removing testpool>testfile: (16) Device or resource busy

Removing the individual parts of the striped object in the order given by "rados ls" works;

rados --pool testpool ls | grep ^testfile.000 | while read filename
do
rados --pool testpool rm $filename
done
```

This problem has originally been discussed in ceph-users list here:
<https://www.mail-archive.com/ceph-users@lists.ceph.com/msg37962.html>

History

#1 - 06/09/2017 08:40 PM - Greg Farnum

- Project changed from RADOS to Ceph
- Category set to libradosstriper

#2 - 06/15/2017 11:15 PM - Stan K

I've had simmlar issue.
It seems to be caused by not releasing the "striper.lock" on the striped object in case of the interrupt.
This lock is kept on the first rados object(usually with name <object_name>.000000000000000000). As a workaround you can do following:

[illegible]

```
"name": "striper.lock",
"tag": "Tag",
"type": "shared"
```

```
### Break the lock by client name and cookie
```

```
#~ rados -p sata lock break test_break.0000000000000000 striper.lock client.11054303 --lock-cookie 30dd70e1-2c45-47ce-9b57-20f3531c1d29
```

After that object is possible to delete using striper interface:

```
~# rados --striper -p sata rm test_break
```