

## Ceph - Feature #12262

### Add rados purge option to remove all objects from a pool

07/09/2015 08:18 PM - David Zafman

<b>Status:</b>	Resolved	<b>% Done:</b>	0%
<b>Priority:</b>	Normal	<b>Spent time:</b>	0.00 hour
<b>Assignee:</b>	David Zafman		
<b>Category:</b>			
<b>Target version:</b>	v9.0.7		
<b>Source:</b>	other	<b>Reviewed:</b>	
<b>Tags:</b>		<b>Affected Versions:</b>	v9.0.7
<b>Backport:</b>		<b>Pull request ID:</b>	
<b>Description</b>			
Per discussion on ceph-devel mailing list, in order to remove all objects from a pool we should have a command like this:  rados -p <poolname> purge --yes-i-really-really-mean-it  There is already clean_up_slow() which can easily be adapted to perform this command. Remember to deal with all namespaces.  An evaluation of how bench/cleanup should behave with respect to the namespace options (--all, -N) should be done too.			

#### Associated revisions

##### Revision 90fdbbfb - 07/17/2015 05:31 PM - David Zafman

common, tools, test: Add "rados purge" feature to remove all objects from a pool

This required creating an Object type which is a pair of strings an object id and object namespace. Functionally, nothing has changed with regards to the bench and cleanup command semantics. Those commands still allow operation in the default or a specified namespace.

Fixes: #12262

Signed-off-by: David Zafman <[dzafman@redhat.com](mailto:dzafman@redhat.com)>

#### History

##### #1 - 07/14/2015 02:18 AM - David Zafman

- Status changed from New to 7

##### #2 - 07/14/2015 02:18 AM - David Zafman

- Affected Versions v9.0.7 added

##### #3 - 07/14/2015 02:20 AM - David Zafman

- Target version set to v9.0.7

##### #4 - 07/16/2015 12:12 AM - David Zafman

- Status changed from 7 to Fix Under Review

The rados --all option already works correctly in that it only applies to the ls command.

I made the usage differently than the feature description:

```
rados purge <pool-name> --yes-i-really-really-mean-it
```

This is similar to the pool commands mkpool, cppool and rmpool which don't use the -p option to specify the pool name.

**#5 - 07/16/2015 12:13 AM - David Zafman**

<https://github.com/ceph/ceph/pull/5253>

**#6 - 07/20/2015 03:02 PM - David Zafman**

- *Status changed from Fix Under Review to Resolved*