RBD-GGATE – MAP RBD IMAGES VIA FREEBSD GEOM GATE

SYNOPSIS

rbd-ggate [–read-only] [–exclusive] [–device *ggate device*] map *image-spec* | *snap-spec*
rbd-ggate unmap *ggate device*
rbd-ggate list

DESCRIPTION

rbd-ggate is a client for RADOS block device (rbd) images. It will map a rbd image to a ggate (FreeBSD GEOM Gate class) device, allowing access it as regular local block device.

COMMANDS

MAP

Spawn a process responsible for the creation of ggate device and forwarding I/O requests between the GEOM Gate kernel subsystem and RADOS.

UNMAP

Destroy ggate device and terminate the process responsible for it.

LIST

List mapped ggate devices.

OPTIONS

--device *ggate device*
    Specify ggate device path.

--read-only
    Map read-only.

--exclusive
    Forbid writes by other clients.

IMAGE AND SNAP SPECS

image-spec is [*pool-name*]/*image-name*
snap-spec is [*pool-name*]/*image-name@snap-name*

The default for *pool-name* is "rbd". If an image name contains a slash character ('/'), *pool-name* is required.

AVAILABILITY

rbd-ggate is part of Ceph, a massively scalable, open-source, distributed storage system. Please refer to the Ceph documentation at http://ceph.com/docs for more information.

SEE ALSO