NAME
ov_recycle – make unused cartridges available for reuse

SYNOPSIS
ov_recycle [ -S server ] [ -hZ ] [ -l|-r ] -C cartID
ov_recycle [ -S server ] [ -hZ ] [ -l|-r ] -A appName
ov_recycle [ -S server ] [ -hZ ] [ -l|-r ] cartPCL

DESCRIPTION
The ov_recycle command makes recyclable cartridges available for reuse. A recyclable cartridge is a cartridge that has all its contained volumes deallocated, i.e., the cartridge once contained volumes but now all those volumes have been deallocated by the owning application. The act of recycling makes the cartridge available for volume allocations again. Refer to the ov_vol(1M) command for details on how to perform volume allocations.

Such cartridges cannot be allocated from by any application including the owning application, until they have been recycled. However such a cartridge may be mounted by the owning application (side or partition mount). This gives the owning application an opportunity erase any sensitive data that the cartridge might contain, prior to recycling (i.e., make it available for allocation again).

There are two types of operations that the ov_recycle command performs. Listing cartridges that need recycling (the -l option) and performing recycling (the -r option) on those cartridges that need recycling. **One and only one** of these two options must be specified.

LIST OPERATION
The first form of the list option, -l, lists recyclable cartridges by a cartridge ID, cartID. The second form of the list option, -l, lists recyclable cartridges owned by the application, appName. The third form of the list option, -l, lists recyclable cartridges by a cartridge PCL, cartPCL.

RECYCLE OPERATION
The first form of the recycle option, -r, recycles a cartridge by cartridge ID, cartID. The second form of the list option, -r, recycles cartridges owned by the application. The third form of the recycle option, -r, recycles a cartridge by cartridge PCL, cartPCL.

OPTIONS
- h Display a brief help message. Ignore any other options.
- Z Display the communications traffic between the command and the SmartMedia server.
- l List recyclable cartridges.
- r Perform recycling on recyclable cartridges.
- S server Connect to the server named, server.
- C cartID Recycle or list the recyclable cartridge with cartridge ID, cartID
- A appName Recycle or list the recyclable cartridge owned by application, appName
- cartPCL Recycle or list the recyclable cartridge with cartridge PCL, cartPCL

ENVIRONMENT
The SmartMedia server hostname is taken from the OVSERVER environment variable, if it is set. The -S option overrides the OVSERVER variable. If no -S is specified and the OVSERVER variable is not set then ov_recycle attempts to connect to the SmartMedia server on the local host.

The TCP/IP port number that the SmartMedia server is listening on is taken from the MLM_SERVER_PORTNUM environment variable, if it is set.

SEE ALSO
ov_cart(1M), ov_vol(1M)