NAME

ov_mount – mount SmartMedia cartridges.

SYNOPSIS

\texttt{ov\_mount [ -S server ] [ -hZ ] [ -d driveName ]}
  \texttt{\ -V volName -A appName}
\texttt{ov\_mount [ -S server ] [ -hZ ] [ -d driveName ]}
  \texttt{\ -P partName -I sideName -C cartID}
\texttt{ov\_mount [ -S server ] [ -hZ ] [ -d driveName ]}
  \texttt{\ -P partName -I sideName cartPCL}

DESCRIPTION

The \texttt{ov\_mount} command mounts an SmartMedia side, partition or a volume, for reading or writing by an application. If the \texttt{-d} option is specified then \texttt{ov\_mount} will attempt to mount the cartridge in the named drive, \texttt{driveName}, provided other system constraints are satisfied, for example, the drive must be capable of supporting the form factor of the specified cartridge.

The first form of the command allows an application-owned volume to be mounted. Here, \texttt{volName} is the name of the volume, owned by the application, \texttt{appName}.

The second form of the command allows either a side or a partition on a cartridge, to be mounted, where cartridge is specified by a Cartridge ID, \texttt{cartID}. A Side named, \texttt{sideName} must be specified. Optionally a partition, named \texttt{partName}, may be specified. If a partition is specified then a partition mount is performed, else, if no partition is specified, then a side mount is performed.

The third form of the command allows either a side or a partition on a cartridge, to be mounted, where cartridge is specified by a Cartridge PCL, \texttt{cartPCL}. A Side named, \texttt{sideName} must be specified. Optionally a partition, named \texttt{partName}, may be specified. If there are multiple cartridges with the specified Cartridge PCL, then the mount will not succeed. If a partition is specified then a partition mount is performed, else, if no partition is specified, then a side mount is performed.

Upon successful completion of a mount, a sub-shell is forked. The environment variable \texttt{TAPE} is set to the access path of the mounted cartridge/side/partition is mounted. When this sub-shell exits or is killed, \texttt{ov\_mount} exits and SmartMedia then unmounts the cartridge from the drive. The \texttt{SHELL} environment variable, if set, is used as the sub-shell that is invoked.

OPTIONS

\texttt{\ -h} Display a brief help message. Ignore any other options.
\texttt{\ -Z} Display the communications traffic between the command and the SmartMedia server.
\texttt{\ -S server} Connect to the server named, \texttt{server}.
\texttt{\ -d driveName} Attempt the mount on the drive named, \texttt{driveName}.
\texttt{\ -P partName} Attempt the mount on the partition named, \texttt{partName}.
\texttt{\ -I sideName} Attempt the mount on the side named, \texttt{sideName}.
\texttt{\ -C cartID} Mount the cartridge with Cartridge ID, \texttt{cartID}.

ENVIRONMENT

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

The \texttt{SHELL} environment variable is used to invoke the sub-shell, if set.

The TCP/IP port number that the SmartMedia server is listening on is taken from the \texttt{MLM\_SERVER\_PORTNUM} environment variable, if it is set.

SEE ALSO

\texttt{ov\_unmount(1M), ov\_cart(1M), ov\_ls carts(1M), ov\_ls vol(1M), ov\_part(1M)}