NAME
blkls – List or output file system data units.

SYNOPSIS
blkls [-aAelsvV] [-f *fstype* **] [-i** *imgtype* **] [-o** *imgoffset* **]** *[-b dev_sector_size] image [images] [start-stop]*

DESCRIPTION
blkls opens the named *image(s)* and copies file system data units (blocks). By default, **blkls** copies the contents of unallocated data blocks. **blkls** was called **dls** in TSK versions prior to 3.0.0. **blkls** was called **unrm** in TCT.

ARGUMENTS
-e   Copy every block, including file system metadata blocks. The output is the entire file system.

-a   Display all allocated blocks (same as −e if −A is also given).

-A   Display all unallocated blocks (same as −e if −a is also given). This is the default behavior.

-f fstype
        Specifies the file system type. Use '−f list' to list the supported file system types. If not given, autodetection methods are used.

-i imgtype
        Identify the type of image file, such as raw. Use '−i list' to list the supported types. If not given, autodetection methods are used.

-o imgoffset
        The sector offset where the file system starts in the image.

-b dev_sector_size
        The size, in bytes, of the underlying device sectors. If not given, the value in the image format is used (if it exists) or 512-bytes is assumed.

-l   List the data information in time machine format.

-s   Copy only the slack space of the image.

-v   Turn on verbose mode, output to stderr.

-V   Display version.

image [images]
        The disk or partition image to read, whose format is given with '−i'. Multiple image file names can be given if the image is split into multiple segments. If only one image file is given, and its name is the first in a sequence (e.g., as indicated by ending in '.001'), subsequent image segments will be included automatically.

start-stop ...
        Examine the specified block number or number range.

LICENSE
This software is distributed under the IBM Public License.

HISTORY
First appeared in The Coroners Toolkit (TCT) 1.0 (Wietse Venema). Now maintained by Brian Carrier <carrier at sleuthkit dot org>.

Send documentation updates to <doc-updates at sleuthkit dot org>