

**NAME**

**xfs\_bmap** – print block mapping for an XFS file

**SYNOPSIS**

**xfs\_bmap** [ **-adelpv** ] [ **-n** *num\_extents* ] *file*  
**xfs\_bmap** **-V**

**DESCRIPTION**

**xfs\_bmap** prints the map of disk blocks used by files in an XFS filesystem. The map lists each *extent* used by the file, as well as regions in the file that do not have any corresponding blocks (holes). Each line of the listings takes the following form:

*extent*: [*startoffset*..*endoffset*]: *startblock*..*endblock*

Holes are marked by replacing the *startblock*..*endblock* with *hole*. All the file offsets and disk blocks are in units of 512-byte blocks, no matter what the filesystem's block size is.

**OPTIONS**

- a** If this option is specified, information about the file's attribute fork is printed instead of the default data fork.
- d** If portions of the file have been migrated offline by a DMAP application, a DMAP read event will be generated to bring those portions back online before the disk block map is printed. However if the **-d** option is used, no DMAP read event will be generated for a DMAP file and offline portions will be reported as holes.
- e** If this option is used, **xfs\_bmap** obtains all delayed allocation extents, and does not flush dirty pages to disk before querying extent data. With the **-v** option, the *flags* column will show which extents have not yet been allocated.
- l** If this option is used, then  

*<nblocks>* blocks

will be appended to each line. *nblocks* is the length of the extent described on the line in units of 512-byte blocks.

This flag has no effect if the **-v** option is used.
- n** *num\_extents*  

If this option is given, **xfs\_bmap** will display at most *num\_extents* extents. In the absence of **-n**, **xfs\_bmap** will display all extents in the file.
- p** If this option is used, **xfs\_bmap** obtains all unwritten (preallocated) extents that do not contain written data. With the **-v** option, the *flags* column will show which extents are preallocated/unwritten.
- v** Shows verbose information. When this flag is specified, additional AG specific information is appended to each line in the following form:  

*agno* (*startagoffset*..*endagoffset*) *nblocks* *flags*

A second **-v** option will print out the *flags* legend.
- V** Prints the version number and exits.

**SEE ALSO**

**xfs\_fsr**(8), **xfs**(5).