



## ***Rocky Enterprise Linux 9.2 Manual Pages on command 'xfs\_bmap.8'***

**C:\>man xfs\_bmap.8**

xfs\_bmap(8)                      System Manager's Manual                      xfs\_bmap(8)

### 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 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

xfstool(8), xfs(5).

xfsbmap(8)