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.

        −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).