PBCreateFileIDRef   Establish a file ID reference for a file

#include <Files.h>   **File Manager**

OSErr   **PBCreateFileIDRef (** *pb*, *async* **);**
HParmBlkPtr *pb* ;   pointer to a file ID parameter block
Boolean   *async* ;   0=await completion; 1=immediate return
             returns   Error Code; 0=no error

Use the **PBCreateFileIDRef** function to establish a file ID reference for a file.

pb is a pointer to a FIDParam structure.The relevant fields are as follows:

Out-In	Name	Type	Size	Offset	Description
→	ioCompletion	ProcPtr	4	12	pointer to completion routine
←	ioResult	short	2	16	result code
→	ioNamePtr	long	4	18	pointer to first filename
→	ioVRefNum	short	2	22	volume specification (volume reference number, working directory reference number, drive number, or 0 for default volume)
→	ioSrcDirID	long	4	48	first parent directory ID
←	ioFileID	long	4	54	file ID

async is a Boolean value. Use FALSE for normal (synchronous) operation or TRUE to enqueue the request and resume control immediately. See Async I/O.

Returns: an operating system Error Code. It will be one of:

noErr	(0)	No error
nsvErr	(-35)	Volume not found
ioErr	(-36)	I/O error
fnfErr	(-43)	File not found
wPrErr	(-44)	Hardware volume lock
vLckdErr	(-46)	Software volume lock
volOfflinErr	(-53)	Volume is off line
extFSErr	(-58)	External file system
wrgVolTypeErr	(-123)	Not an HFS volume
fidExists	(-1301)	File ID already exists
notAFileErr	(-1302)	Specified file is a directory

Notes: Given a volume reference number, filename, and parent directory ID, **PBCreateFileIDRef** creates a record to hold the name and parent directory ID of the specified file. **PBCreateFileIDRef** places the file ID in the ioFileID field. If a file ID reference already exists for the file, **PBCreateFileIDRef** supplies the file ID but returns fidExists.