PBResolveFileIDRef   Retrieve the filename and parent directory ID

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

OSErr	**PBResolveFileIDRef (** *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 **PBResolveFileIDRef** function to to retrieve the filename and parent directory ID of the file with a specified file ID.

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	StringPtr	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
volOfflinErr	(-53)	Volume is off line
extFSErr	(-58)	External file system
wrgVolTypeErr	(-123)	Not an HFS volume
fidNotFoundErr	(-1300)	File ID not found
notAFileErr	(-1302)	Specified file is a directory

Notes: **PBResolveFileIDRef** returns the filename and parent directory ID of the file referred to by file ID in the ioFileID field. It places the filename in the string pointed to by the ioNamePtr field and the parent directory ID in the ioSrcDirID field. If the name string is NIL, **PBResolveFileIDRef** returns only the parent directory ID. If the name string is not NIL but is only a volume name, **PBResolveFileIDRef** ignores the value in the ioVRefNum field, uses the volume name instead, and overwrites the name string with the filename. A return code of fidNotFoundErr means that the specified file ID has become invalid, either because the file was deleted or because the file ID was destroyed by **PBDeleteFileIDRef** .