PBGetFPos Query current position of an open file's file mark

#include <Files.h> **File Manager (PBxxx)**

```
OSErr       PBGetFPos(pb, async);
ParmBlkPtr  pb ;        address of a 50-byte IOParam structure
Boolean     async ;     0=await completion; 1=immediate return
            returns     Error Code; 0=no error
```

PBGetFPos obtains the current value of an open file's mark.

pb is the address of a 50-byte IOParam structure. The relevant fields are:

Out-In	Name	Type	Size	Offset	Description
->	ioCompletion	ProcPtr	4	12	Completion routine address (if *async* =TRUE)
->	ioRefNum	short	2	24	File reference number
<-	ioResult	OSErr	2	16	Error Code (0=no error, 1=not done yet)
<-	ioReqCount	long	4	36	Gets set to 0
<-	ioActCount	long	4	40	Gets set to 0
<-	ioPosMode	short	2	44	Gets set to 0
<-	ioPosOffset	long	4	46	Receives file mark (bytes from start of file)

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
fnOpnErr	(-38)	File not open
gfpErr	(-52)	Get file position error
ioErr	(-36)	I/O error
rfNumErr	(-51)	Bad ioRefNum

Notes: After each read or write operation, the current file position is returned in ioPosOffset; so **PBGetFPos** may not be needed often.

If you follow this call with a call to **PBGetEOF**, you can compare ioMisc to ioPosOffset to see if you are at the end-of-file.