

**PBGetVolMountInfoSize** Determine space allocation for volume-mounting record

#include <Files.h>

**File Manager**

```
OSErr      PBGetVolMountInfoSize(pb );
ParmBlkPtr pb ;          address of an ParamBlockRec record
returns      Error Code; 0=no error
```

Use **PBGetVolMountInfoSize** to determine how much space to allocate for the volume-mounting record.

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

<u>Out-In</u>	<u>Name</u>	<u>Type</u>	<u>Size</u>	<u>Offset</u>	<u>Description</u>
→	ioCompletion	<u>ProcPtr</u>	4	12	Completion routine address (if <i>async</i> =TRUE)
←	ioResult	<u>short</u>	2	16	Error Code (0=no error, 1=not done yet)
→	ioVRefNum	<u>short</u>	2	22	Volume or working directory reference
→	ioBuffer	<u>Ptr</u>	4	32	pointer to storage for size (4 bytes of storage)

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

noErr	(0)	No error
nsvErr	(-35)	Volume not found
paramErr	(-50)	Parameter error
extFSErr	(-58)	External file system error; typically, function is not available for that volume

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Notes: For a specified volume, the **PBGetVolMountInfoSize** function provides the size of the record needed to hold the volume's mounting information.

After ascertaining the size of the record needed and allocating storage, you call the **PBGetVolMountInfo** function to retrieve a record containing all the information needed to mount the volume, except for passwords. You can later pass this record to the **PBVolumeMount** function to mount the volume.