

**PBHGetVol**

Get default volume/directory name and reference

#include &lt;Files.h&gt;

**File Manager (PBxxx)**

```

OSErr      PBHGetVol(pb, async);
WDPBPtr    pb;          address of a 52-byte WDPBRec structure
Boolean    async;       0=await completion; 1=immediate return
returns    Error Code; 0=no error

```

Use **PBHGetVol** to find out which volume and/or working directory is the current default. This is similar to **PBGetVol** except that it returns the default working directory reference in a separate field of the parameter block.

*pb* is the address of a 52-byte WDPBRec structure. The following fields are relevant:

Out-In Name	Type	Size	Offset	Description
-> ioCompletion	<u>ProcPtr</u>	4	12	Completion routine address if <i>async</i> =TRUE
<- ioResult	<u>OSErr</u>	2	16	Error Code (0=no error, 1=not done yet)
<- ioNamePtr	<u>StringPtr</u>	4	18	Buffer to receive 28-byte max volume name
<- ioVRefNum	<u>short</u>	2	22	Volume or directory reference (see notes)
<- ioWDProcID	<u>long</u>	4	28	Working dir user ref (application's signature)
<- ioWDVRefNum	<u>short</u>	2	32	Volume in which default working dir is located
<- ioWDDirID	<u>long</u>	4	48	Default working directory's directory 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)    No default volume

```

Notes: The File Manager will use this new default volume in subsequent calls in which you specify a volume name of NIL (or an invalid name) and a volume reference number of 0.

If the previous call to **PBSetVol** or **PBHSetVol** used a working directory number in the ioVRefNum field, then that number will be returned. Otherwise, this function returns a volume reference in ioVRefNum.

The ioNamePtr field can be NIL to ignore the name. Otherwise, it should point to a 28-byte buffer to hold the maximum-length name of the default volume (returned as a pascal-style string). Note that this does NOT return a multiple-name directory name.