

HSetVol

Select a default default volume/directory (HFS only)

#include <Files.h>

File Manager (PBxxx)

<u>OsErr</u>	HSetVol (<i>volName</i> , <i>vRefNum</i> , <i>dirID</i>);	
<u>Str255</u>	<i>volName</i> ;	partial or full pathname to set default directory to
<u>short</u>	<i>vRefNum</i> ;	reference number of volume to set default to
<u>long</u>	<i>dirID</i> ;	directory ID of volume to set default to
	returns	<u>Error Code</u> ; 0=no error

Apple does not recommend using **HSetVol** or **PBSetVol**. See the notes below for details.

HSetVol is used to select a default volume. The File Manager will use these defaults in future calls in which you specify no volume name and a volume reference number of 0.

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

noErr	(0)	No error
nsvErr	(-35)	No default volume

Notes: You can specify the new default by any of the following options:

- A full or partial pathname (ends in a colon). Put the address of the pascal-style string in ioNamePtr.
- A volume number or a working directory number in ioVRefNum. If you use a WD ref, it will affect how **PBGetVol** works.
- A directory number in ioWDDirID (as obtained via **PBOpenWD**).

See **SetVol** for an example showing usage of various ways to set a default volume and open a file.

HSetVol lets you specify a WDRRefNum for the ioVRefNum in addition to a partial pathname in ioNamePtr. **HSetVol** will start at the specified working directory and use the partial pathname to determine the final directory. This directory might not correspond to an already existing working directory, so the File Manager cannot refer to this directory with a WDRRefNum. Instead it must use the actual volume refNum and the dirID number (which is assigned when the directory is created, and does not change). This all means that if you call **HSetVol**, the File Manager stores the actual volume refNum as the default volume, and the default dirID separately. This will happen on all calls to **HSetVol**. Subsequent calls to **GetVol** or **PBGetVol** or **HGetVol** will return only the volume refNum in the ioVRefNum field of the parameter block. If any code tries to use the refNum returned by **GetVol** or **HGetVol**, it will be accessing the root of the volume, and not the current default directory as expected. This can be disastrous for desk accessories because they don't know that your code has called **HSetVol** or **PBGetVol** and they don't get what they expect if they call **GetVol**.

Because of these problems, Apple does not recommend using **HSetVol** or **PBSetVol**.