

HCreate Create a new file like **PBHCreate** and set type and creator

#include <Files.h>

File Manager

<u>OSErr</u>	HCreate (<i>vRefNum</i> , <i>dirID</i> , <i>fileName</i> , <i>creator</i> , <i>fileType</i>);
<u>short</u>	<i>vRefNum</i> ; volume or directory reference number
<u>long</u>	<i>dirID</i> ; directory ID
<u>Str255</u>	<i>fileName</i> ; address of length-prefixed full or partial name
<u>OSType</u>	<i>creator</i> ; 32-bit creator ID (your app's signature)
<u>OSType</u>	<i>fileType</i> ; 32-bit file type (e.g., 'TEXT' or custom type)
	returns <u>Error Code</u> ; 0=no error

HCreate creates a new file like **PBHCreate**, and then sets the file type and creator of the file.

vRefNum is the reference number of the volume or working directory to contain *fileName*. See **FSOpen** for a description of the options.

dirID is the directory ID of the directory to contain *fileName*.

fileName is the address of a length-prefixed, pascal-style string containing the name of the file to be created. It may be a partial or full pathname, depending upon the value of *vRefNum*. You should NOT use names beginning with a period ('.') since that convention is reserved for devices.

creator is a 32-bit value, often expressed as a four-letter literal (e.g., 'MSWD'). It is normally the unique signature of your application (as registered with Apple), or the signature of the application which want to be launched when this file is double-clicked in the Finder.

Note: use *creator* = '????' if you don't want the file to auto-start any application.

fileType is a 32-bit value, normally expressed as a four-letter literal (e.g., 'TEXT'). It identifies the file type, which helps applications determine how to process the file. This value is used in file filtering (see **SFGetFile**, et.al).

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

noErr	(0)	No error
bdNamErr	(-37)	Bad name
dirFulErr	(-33)	Directory full
dupFNErr	(-48)	Duplicate filename (rename)
extFSErr	(-58)	External file system
ioErr	(-36)	I/O error
nsvErr	(-35)	No such volume
vLckdErr	(-46)	Volume is locked
wPrErr	(-44)	Diskette is write-protected

Notes: Use **SetFInfo** for control over other descriptive information about the file, such as the Finder's placement of the file's icon in its folder, whether or not the file has a bundle of descriptive resources, and whether the file's icon is invisible.

Use **FSOpen** to initiate file access - this function does not open the file.
You may wish to use **Allocate** or **SetEOF** or **PBAllocContig** to
pre-allocate as much storage as the file will need.

See **OpenRF** for an example of usage.