

**Create**

Create a new empty file (data fork only)

#include &lt;Files.h&gt;

**File Manager**

<u>OSErr</u>	<b>Create</b> ( <i>fileName</i> , <i>vRefNum</i> , <i>creator</i> , <i>fileType</i> );	
<u>Str255</u>	<i>fileName</i> ;	address of length-prefixed full or partial name
<u>short</u>	<i>vRefNum</i> ;	volume or directory reference number
<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)
	<b>returns</b>	<u>Error Code</u> ; 0=no error

**Create** creates a new file with an empty data fork and initializes the information the Finder will need to start your application if the file is clicked from the desktop. Note that the file is NOT opened. No resource fork for the file is created.

*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. Imagine what happens when you create and write to a file named ".Sony" (it's not a pretty sight when your hard disk goes south).

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

*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 you 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 - **Create** 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.

Use **CreateResFile** to create a resource fork for the file.

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