

GetFileSizeEx function

Retrieves the size of the specified file.

Syntax

C++

```
BOOL WINAPI GetFileSizeEx(  
    _In_ HANDLE hFile,  
    _Out_ PLARGE_INTEGER lpFileSize  
);
```

Parameters

hFile [in]

A handle to the file. The handle must have been created with the **FILE_READ_ATTRIBUTES** access right or equivalent, or the caller must have sufficient permission on the directory that contains the file. For more information, see [File Security and Access Rights](#).

lpFileSize [out]

A pointer to a [LARGE_INTEGER](#) structure that receives the file size, in bytes.

Return value

If the function succeeds, the return value is nonzero.

If the function fails, the return value is zero. To get extended error information, call [GetLastError](#).

Remarks

Transacted Operations: If there is a transaction bound to the file handle, then the function returns information for the isolated file view.

Windows Store apps: **GetFileSizeEx** is not supported. Use [GetFileInformationByHandleEx](#).

In Windows 8 and Windows Server 2012, this function is supported by the following technologies.

Technology	Supported
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Server Message Block (SMB) 3.0 protocol	Yes
SMB 3.0 Transparent Failover (TFO)	Yes
SMB 3.0 with Scale-out File Shares (SO)	Yes
Cluster Shared Volume File System (CsvFS)	Yes
Resilient File System (ReFS)	Yes

Requirements

Minimum supported client	Windows XP [desktop apps Windows Store apps]
Minimum supported server	Windows Server 2003 [desktop apps Windows Store apps]
Header	FileAPI.h (include Windows.h); WinBase.h on Windows Server 2008 R2, Windows 7, Windows Server 2008, Windows Vista, Windows Server 2003, and Windows XP (include Windows.h)
Library	Kernel32.lib
DLL	Kernel32.dll

See also

[File Management Functions](#)

[LARGE_INTEGER](#)

