SHGetDiskFreeSpace返回指定驱动器的磁盘可用空间

# SHGetDiskFreeSpace function

Retrieves disk space information for a disk volume.

## Syntax

C++

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BOOL SHGetDiskFreeSpace(

LPCTSTR pszVolume,

ULARGE\_INTEGER \*pqwFreeCaller,

ULARGE\_INTEGER \*pqwTot,

ULARGE\_INTEGER \*pqwFree

);

**Parameters**

*pszVolume*

Type: **LPCTSTR**

A null-terminated string that specifies the volume for which size information is retrieved. This can be a drive letter, UNC name, or the path of a folder. You cannot use **NULL** to represent the current drive.

When using Shell32.dll versions previous to version 5.0, this must be an ANSI string. Unicode is not supported in those versions.

*pqwFreeCaller*

Type: [**ULARGE\_INTEGER**](http://msdn.microsoft.com/en-us/library/windows/desktop/aa383742(v=vs.85).aspx)**\***

The address of a **ULARGE\_INTEGER** value that receives the number of bytes on the volume available to the calling application. If the operating system implements per-user quotas, this value may be less than the total number of free bytes on the volume.

*pqwTot*

Type: [**ULARGE\_INTEGER**](http://msdn.microsoft.com/en-us/library/windows/desktop/aa383742(v=vs.85).aspx)**\***

The address of a **ULARGE\_INTEGER** value that receives the total size of the volume, in bytes.

*pqwFree*

Type: [**ULARGE\_INTEGER**](http://msdn.microsoft.com/en-us/library/windows/desktop/aa383742(v=vs.85).aspx)**\***

The address of a **ULARGE\_INTEGER** value that receives the number of bytes of free space on the volume.

**Return value**

Type: **BOOL**

Returns **TRUE** if successful, **FALSE** otherwise.