WS Functions

19.26 ActiveX Objects

The **ActiveXObject** object is used to create instances of OLE Automation objects on Windows operating systems. This object also supports the Microsoft COM objects and allows you to perform various actions, such as accessing a user’s local file system. Refer to the Microsoft COM Control documentation for more details and usage of this object.

The ActiveXObject Object enables and returns a reference to an automation object. This object is used only to instantiate automation objects and has no members. An example is as follows:

To create an automation object, assign the new ActiveXObject to an object variable:

Syntax

```
var Obj = new ActiveXObject("Scripting.FileSystemObject");
```

The FileSystemObject object provides access to the computer's file system. The properties and methods of the FileSystemObject are displayed in the table shown below:

Properties/Methods	Description
BuildPath()	Appends information to a file path
CopyFile()	Copies a file from one location to another
CopyFolder()	Copies a folder from one location to another
CreateFolder()	Creates a new folder object
CreateTextfile()	Creates a new text file object
DeleteFile()	Removes a file
DeleteFolder()	Removes a folder object
DriveExists()	Determines whether a drive exists
Drives	Returns a Drives collection, containing all the available drive objects
FileExists()	Determines whether a file exists
FolderExists()	Determines whether a folder exists
GetAbsolutePathName()	Returns the absolute pathname for a file
GetBaseName()	Gets the base name of the last component
GetDrive()	Gets the drive letter for a file
GetDriveName()	Gets the drive name on which a file resides
ExtensionName()	Returns the extension for a file
GetFile()	Gets the file object
GetFileName()	Gets the name of a file

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GetFolder()	Gets the folder name that contains a file
GetParentFolderName()	Gets the parent folder's name
GetSpecialFolder()	Gets the folder names for special folders
GetTempName()	Creates a randomly generated temporary file
MoveFile()	Moves a file from one location to another
MoveFolder()	Moves a folder and its contents from one location to another
OpentextFile()	Opens a text file stream to a file

The ActiveXObject requires wsoffice.dll to be installed and also loaded in the script to function as designed. Therefore, to use this feature, developers need to ensure that the following code is included in the script immediately before the new ActiveXObject variable is created.

```
load("wsoffice.dll");
```

Options

ActiveX calls are not made through a WS command but instead are done through a set of custom functions. Therefore there are no options.

- **Making system calls with WS**

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