

FileSystem.GetHash (deprecated)

Method	GetHash (deprecated)
Module	FileSystem
Library	Core
Action	Returns the hash of a file or directory.
Parameters	<p>Path (string; optional): The full path of the file or a directory.</p> <p>Algorithm (string): Which algorithm to use to perform the hashing. Possible values:</p> <ul style="list-style-type: none">• SHA1• SHA256• MD5
Return values	<p>If a directory is named, the following are returned:</p> <ul style="list-style-type: none">• <code>DirectoryName</code> (string): The full path of the directory• <code>DirectorySizeBytes</code> (int): The total size of the all files in the directory• <code>DirectoryHash</code> (string): The SCCM2012 folder hash, as there is no standard method of calculating folder hashes. On non-Windows machines, this returns a hash that is different to those calculated on a Windows machine for the same data, but the result is consistent. This is typically intended to be used to check a folder's contents against another's. <p>Otherwise, if a file is named, the following are returned:</p> <ul style="list-style-type: none">• <code>FileName</code> (string): The full path of the file• <code>FileSizeBytes</code> (int): The size of the file in bytes• <code>FileHash</code> (string): The hash of the file
Example	<p>This uses the newer <code>Path</code> parameter name. Replace with <code>FileName</code> for v3.0.100 and older.</p> <pre>FileSystem.GetHash(Path:"C:\\tmp\\ips.txt", Algorithm:"MD5");</pre> <pre>FileSystem.GetHash(Path:"C:\\tmp\\ips.txt", Algorithm:"SHA1");</pre> <pre>FileSystem.GetHash(Path:"C:\\tmp", Algorithm:"SHA256");</pre>
Platforms	<ul style="list-style-type: none">• Windows• Linux• MacOS• Solaris Intel• Solaris Sparc• Android
Notes	This method was deprecated in 3.1. Please use GetFileHash and GetDirectoryHash instead.