

FileContent.FindAndAppend

Method	FindAndAppend
Module	FileContent
Library	FileContent
Action	Appends a string to the end of a file if it does <i>not</i> contain a specified string.
Parameters	<p>FilePath (string): The full path of the file. Environment variables in the form <code>%variable%</code> for Windows and <code>\$variable</code> for non-Windows operating systems will be expanded.</p> <div style="border: 1px solid #f0e68c; padding: 10px;"><p> The <code>FilePath</code> parameter name is only available from v3.2 onwards.</p><p>In v3.1 and earlier <code>FileName</code> must be used instead. While the earlier name will still work, we recommend that, from v3.2 onwards, <code>FilePath</code> is used instead.</p></div> <p>FindString (string): The string to search the file for.</p> <p>AppendString (string): The string that will be appended to the end of the file. This can be the same as <code>FindString</code>.</p> <p>Backup (bool; optional, default <code>false</code>): Whether or not to backup the file prior to any appending. A copy of the file will be made in the same directory with the <code>.bak</code> suffix. If this already exists, an incrementing int will be added after the extension. If a backup cannot be created, this method will return an error.</p> <p>CaseSensitive (bool, optional, default <code>true</code>): Whether or not to match case when searching for <code>FindString</code> in the file.</p>
Return values	<p>Returns 'Success - No Content' (empty table) if the string is found (file not updated), or the file is not found.</p> <p>If the file is found and updated the following are returned as a table:</p> <p>FilePath (string): The full path of the file, with any environment variables expanded.</p> <p>LineNumber (int): The line number on which the append occurred. Lines are split on newline characters.</p> <p>LineContent (string): The content of the line after appending <code>AppendString</code>.</p> <p>BackupFileName (string): The full path of the backup file created if <code>Backup</code> is <code>true</code>. A <code>NULL</code> is returned if <code>Backup</code> is <code>false</code>.</p>
Example	<p>Append the line 'AuthenticationPolicy=optional' if it isn't present in <code>example.conf</code>, regardless of case, making a backup of the file before the append occurs.</p> <p>This uses the newer <code>FilePath</code> parameter name. Replace with <code>FileName</code> for v3.1 and older.</p> <pre>@FilePath = "C:\\temp\\Examples\\Example.conf"; @findString = "AuthenticationPolicy=optional"; @appendString = "AuthenticationPolicy=optional"; FileContent.FindAndAppend(FilePath: @FilePath, FindString: @findString, AppendString: @appendString, Backup:true, CaseSensitive:false);</pre>
Platforms	<ul style="list-style-type: none">• Windows• Linux• MacOS• Solaris Intel• Solaris SPARC
Notes	Text is appended only if the find string does not exist in the file. Perhaps this method should have been called <code>FindElseAppend</code> .