FIND_FILES

FIND_FILES action

Function

The action allows to find a file or directory in defined directory.

Declaration

```
FIND_FILES directory, mask, bRecursive, filesDesc, retCode
```

Parameters

<table>
<tr><td>directory</td><td>in</td><td>Existing directory, where to find. TEXT type.</td></tr>
<tr><td>mask</td><td>in</td><td>Name of the file or directory you want to look for. It can contains the characters * and ?. TEXT type.</td></tr>
<tr><td>bRecursive</td><td>in</td><td>BOOLEAN type.
@TRUE - find recursively in subdirectories
@FALSE - find just in defined directory</td></tr>
<tr><td>filesDesc</td><td>in</td><td>Local structure of SD._System_FileInfo type or other structure definition consisting of the same column count and types.

<table>
<tr><th>Name</th><th>Type</th><th>Description</th></tr>
<tr><td>IsFile</td><td>Boolean</td><td>@TRUE, if a file was found (otherwise it's a directory).</td></tr>
<tr><td>CreateTime</td><td>Abs. time</td><td>Time when the file or directory was created.</td></tr>
<tr><td>AccessTime</td><td>Abs. time</td><td>For a file, it is the time when the file was last read from or written to.
For a directory, the structure specifies when the directory was created.</td></tr>
<tr><td>ModifyTime</td><td>Abs. time</td><td>For a file, it is the time when the file was last written to.
For a directory, it is the time when the directory was created.</td></tr>
<tr><td>Size</td><td>Real</td><td>File size in bytes.</td></tr>
<tr><td>Name</td><td>Text</td><td>File name.</td></tr>
<tr><td>Attribs</td><td>Integer</td><td>File (directory) attributes.</td></tr>
</table></td></tr>
<tr><td>retCode</td><td>out</td><td>Return code.</td></tr>
</table>

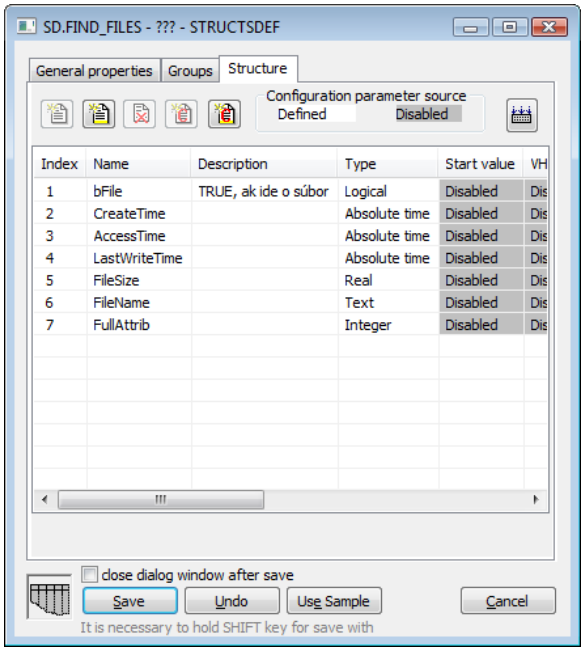
Return code

The value of the parameter *retCodeIdent_Int* - see the table of error codes.

Description

The action allows you to find the specified file (directory) within the given directory. The action finds and fill the result into the structure **filesDes**. The structure **filesDesc** contains a list of files and directories matching the given search condition. If needed, the action resize the structure.
If no file match the given condition (mask), the result structure will consists of 0 rows.
The structure **filesDesc** is updated only when *retCode* acquires the value "0" (ERR_NO_ERROR).

Example




```
RECORD (SD.ESL_FIND_FILES) _dir
 INT _retCode

 BEGIN
 FIND_FILES "c:\directory", "*", @TRUE, _dir, _retCode
 END
```

Related pages:

Script actions