FIND_FILES

FIND_FILES action

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

| **Declaration** | ```
FIND_FILES directory, mask, bRecursive, filesDesc, retCode
``` |

Parameters

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

Name	Type	Description
IsFile	Boolean	@TRUE, if a file was found (otherwise it's a directory).
CreateTime	Abs. time	Time when the file or directory was created.
AccessTime	Abs. time	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.
ModifyTime	Abs. time	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.
Size	Real	File size in bytes.
Name	Text	File name.
Attribs	Integer	File (directory) attributes.

retCode	out	Return code.

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	

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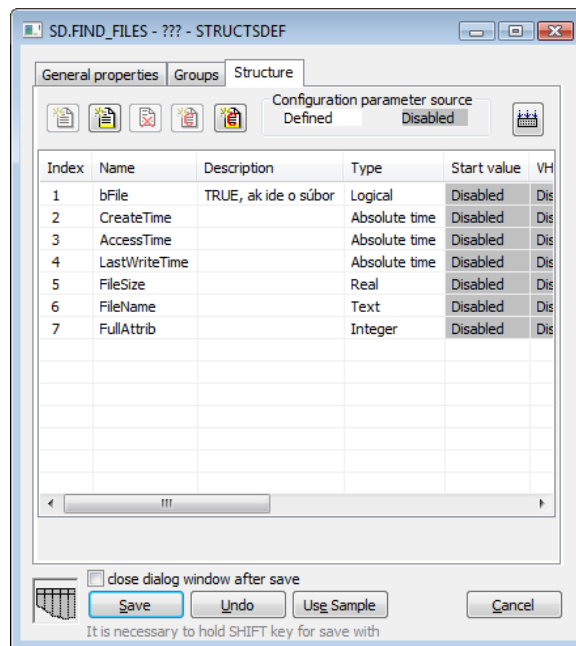RECORD (SD.ESL_FIND_FILES) _dir
 INT _retCode

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

ⓘ **Related pages:**

Script actions