**findindexerkey**

Function of search for a key word in project indexer.

**Syntax:**

**findindexerkey***(key, filtr\_name, filtr\_type, sprj\_id, sblkpath\_id, sblktype\_id, spropname\_id, fl\_find*);

**Arguments:**

*key –* string with a key word for searching,

*filtr\_name –* string with property name filter,

*filtr\_type –* string with block type filter,

*sprj\_id –* string list identifier with names of found projects,

*sblkpath\_id –* string list identifier with paths of blocks found in project,

*sblktype\_id –* string list identifier with types of blocks found in project,

*sprop\_id –* string list identifier with of block properties found in project,

*fl\_find –* flag of reduction of search paths.

**Description:**

*findindexerkey(key, filtr\_name, filtr\_type, sprj\_id, sblkpath\_id, sblktype\_id, spropname\_id, fl\_find) –* the function of search for key word *key* with property name filters *filtr\_name* and block type filters *filtr\_type* in project indexer. Results of the search return in arguments *sprj\_id –* identifier of string list with names of found projects, *sblkpath\_id –* identifier of string list with paths of blocks found in the project, *sblktype\_id –* identifier of string list with types of blocks found in the project, *sprop\_id –* identifier of string list with block properties found in the project.

Values of the flag of reduction of search *fl\_find:*

1 – only unique paths of blocks to be displayed,

0 – uniqueness of paths of blocks and project files to be neglected.

**Result:**

None*.*

**Example 1:**

|  |  |
| --- | --- |
|  | \_proj = **createstringlist**;  s\_path = **createstringlist**; |
|  | **findindexerkey**("1000","a","Adder",s\_proj,s\_path,0,0,1); |

The example presents a search for number 1000 in the property with name “a” for objects of “Adder” type.

**Example 2:**

|  |  |
| --- | --- |
|  | **initialization** s\_proj = **createstringlist**; s\_path = **createstringlist**; s\_signal\_names = **createstringlist**;  // To show outputs use the key word  //usedinputs **findindexerkey**("usedinputs","\*","\*",s\_proj,s\_path,0,s\_signal\_names,0); **for**(i=0, **countstringlist**(s\_signal\_names) - 1)   **seterrorstr**(**getstringlist**(s\_signal\_names,i) + " in file " + **getstringlist**(s\_proj,i) + " in block " + **getstringlist**(s\_path,i),0);  **freeobject**(s\_proj); **freeobject**(s\_path);  **freeobject**(s\_signal\_names);  **end**; |

The example presents a search for all used input signals in all indexed projects in the specified directory.