**findfiles**

*Function of files search by filter.*

**Syntax:**

**findfiles**(name, attr, s\_id);

**Arguments:**

*name* – string containing the file search filter by name,

*attr* – attributes for file search,

*s\_id* – output parameter, identifier of the list of strings for names of found files.

**Description:**

*findfiles(name, attr, s\_id)* – function of file search by filter preset in string *name* with attributes *attr*. Names of found files are returned to the list of strings with identifier *s\_id*.

File attributes can have the values:

0 – “Only read” files. This attribute is set for files that are not recommended to be changed, deleted. Files written on CDs are provided with this attribute.   
1 – Hidden files. With ordinary settings of browser and commander these files are invisible.   
2 – System files.   
3 – Disk label file. This element has the disk name in its name (11 symbols maximum).   
4 – Catalog attribute.   
5 – Ordinary file. It is set by default on all newly created files.   
6 – If it is set as an attribute in required elements then search as per the all above said attribute will be executed.

**Result:**

None*.*

**Example:**

|  |  |
| --- | --- |
|  | **var**  s:**string** = "";  **sl = createstringlist; //**Let us create the list of strings **findfiles("\*.prt",0,sl);**  //Look for files as per a preset mask, type of file  //attributes - ordinary files  **for**(i=0, **countstringlist**(sl))   s = s + **getstringlist**(sl,i) + chr(13); **freeobject(sl);** //Empty the list of strings |

In the course of execution of the example an empty list of strings will be created with the use of function *createstringlist*. Function *findfiles* is used for searching for files by filter and recording names of found files in the list of strings. Then, a string with a text with “carriage transfer” divider is generated from the names of all found files.

Prior to completing an example the list of strings shall be eliminated by means of *freeobject* function.