

# GETACCESS

## GETACCESS action

### Declaration

```
_bool := GETACCESS strExpression_Str [PUBLIC [descriptOUT_Str[,  
descriptIN_Str]]]
```

### Parameters

_bool	in	Identifier of Bool type.
strExpression_Str	in	Expression of <i>String</i> type that defines the name.
descriptOUT_Str	out	Expression of <i>String</i> type - reference to a value of <i>String</i> type.
descriptIN_Str	in	Identifier of <i>Str</i> type - user description for the name, used after the registration is successful.

### Description

The action, within the script interpreter ([D2000 EventHandler](#) or [D2000 HI](#)) or within the application (when using the keyword **PUBLIC**) registers a unique name given by the expression *strExpression\_Str*. In case, that such the name exists, it returns the value FALSE. If the name doesn't exist, it performs the registration and returns TRUE value. Another (others) instances of an arbitrary script will be unsuccessful during an attempting to register the same name (string).

The keyword **PUBLIC** acts, that an registered name (string) is to be published for all scripts (system script or active picture) in the application scope. This registration is provided by the [D2000 Server](#) process.

A registered string without any **PUBLIC** keyword is only known within the frame of the process, in which the script is interpreted ([D2000 EventHandler](#) or [D2000 HI](#)).

After the name registration is not successful, a text identifying the script that registered the name first is to be retrieved by the parameter *descriptOUT\_Str*. The format of the text is following:

*computerName;processName;objectName;description*

<i>computerName</i>	name of the computer where the process that performed the registration is running
<i>processName</i>	name of the object of <a href="#">Process</a> type that performed the registration
<i>objectName</i>	name of the object that performed the registration (object of <a href="#">Event</a> type or <a href="#">active picture</a> )
<i>description</i>	value of the parameter <i>descriptIN_Str</i> of the action that registered the name

If the registration was performed by an object within the same process, *computerName* and *processName* will be empty strings (e.g. *;;E.Event*).

### Example

[GETACCESS](#) and [RELEASEACCESS](#) actions.

### Note

The Tell command [SHOW\\_ACCESS\\_LIST](#) allows to get a list of the names registered by the action **GET ACCESS** within the application (with the keyword **PUBLIC**).



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