

Repository Function NEW

Description

Method to create new entities. This includes entities that are inherited from another application.



The difference between using Repository('NEW') and writing directly to a system table (such as SYSREPOSWINS for windows) using a BASIC+ program is that using the Repository('NEW') function records the event to the repository history log, while the direct **WRITE statement** does not record the event. Using the **Repository()** functions is recommended.

Syntax

```
retval = Repository("NEW" , entID, param1, param2, param3, param4, param5, param6, param7, param8, param9, param10)
```

Parameters

The **NEW** method has the following parameters.

Parameter	Description
<i>Message</i>	"NEW"
<i>param</i>	the state flag for the entity
<i>param2</i>	the publishable flag for the entity
<i>param3</i>	the shareable flag for the entity
<i>param4</i>	a field mark delimited list of entities super (parents) of this entity
<i>param5</i>	a field mark delimited lists of entries sub (children) of this entity
<i>param6</i>	a field mark delimited list of documents related to this entity
<i>param7</i>	a value mark delimited list of users having access rights to this entity
<i>param8</i>	a value mark delimited list of users having update rights to this entity
<i>param9</i>	the entity title
<i>param10</i>	the row to write
<i>entID</i>	<i>entID</i> consists of four elements, which are '*' (asterisk) delimited: <ul style="list-style-type: none">• Application name• Type ID• Class ID• Entity name
	Methods are executed as follows: if class specific, execute at the class level; if type specific, execute at the type level; otherwise, execute the method.

Returns

Null.

Note: Always call the [Get_Status function](#) after calling *Repository*.

See also

[Repository\(\) function](#), [WRITE Method](#), [Get_Repos_Entities\(\)](#).

Example

```

/* Write a message called SAMPLE_MESSAGE to the repository, making it SHAREABLE and PUBLISHABLE */
declare function repository, get_status
AppID = @APPID<1>  ;* current application
TypeID = "MSG"    ;* OpenInsight message
ClassID = ""      ;* Not Applicable
Message_Name = 'SAMPLE_MESSAGE'
entid = AppID : '*' : TypeID : '*' : ClassID : '*' : Message_Name
MsgRec = 'This is a test message'
/* MsgRec contains the text of the message. See Msg() for complete message row to write */
* write the record
retval = Repository("NEW", EntID, "", 1, 1, "", "", "", "", "", "MSG", MsgRec)
/* check if write completed correctly */
If Get_Status(ErrCode) then
    call msg(@window, 'Error Message returned: ' : ErrCode)
end

```