

# GetEntity Function

## Description

Displays the OpenInsight common dialog as used by the User Interface and Client/Server Workspaces.

## Syntax

*Item* = **GetEntity** (*Mode*, *TypeDesc*, *bFilter*, *Display*, *ItemLabel*, *ListLabel*, *DefaultSelection*, *DefaultType*, *Options*)

## Parameters

The GetEntity function has the following parameters:

Parameter	Description															
Mode	Open or save as, defined by GE_MODE_OPEN\$ and GE_MODE_SAVE\$ in the insert record GetEntity_Equates.															
TypeDesc	An @fm delimited array of human-readable selection criteria (filters), like "Messages"															
Bfilter	An @fm delimited array of Boolean values corresponding to the TypeDesc parameter.															
	True signifies that Display contains a "TYPE*CLASS" repository filter, while FALSE\$ signifies that Display<i> contains an @vm-delimited list of items to display.															
Display	An @fm delimited array of display information corresponding to the TypeDesc parameter.															
	Each item in the array is either a "TYPE*CLASS" repository filter or an @vm-delimited list of items depending on the filter chosen for the type..															
ItemLabel	(optional) @fm delimited array of labels that replace "Entity Name:" (for filters) or "Item Name" (for lists).															
ListLabel	(optional) @fm delimited array of labels that replace "List Entities of Type:" (for filters) or "List Items of Type:" (for lists)															
DefaultItem	(optional) default item name, defaults to NULL ("").															
DefaultType	(optional) index into TypeDesc, defaults to 1.															
Options	(optional) An @fm delimited array of additional options regarding various items within the Get_Entity dialog. The options are defined in the GetEntity_Equates insert record . There are four additional options. <table><tr><th>Option #</th><th>Option Equates</th><th>Description</th></tr><tr><td>1</td><td>GE_OPT_TITLE\$</td><td>Text string to replace the dialog default title.</td></tr><tr><td>2</td><td>GE_OPT_HIDE_CHK\$</td><td>True will hide the "Show Inherited" check box.</td></tr><tr><td>3</td><td>GE_OPT_HEADTEXT\$</td><td>The heading text for the dialog box.</td></tr><tr><td>4</td><td>GE_OPT_SUBHEADTEXT\$</td><td>The subheading text for the dialog box.</td></tr></table>	Option #	Option Equates	Description	1	GE_OPT_TITLE\$	Text string to replace the dialog default title.	2	GE_OPT_HIDE_CHK\$	True will hide the "Show Inherited" check box.	3	GE_OPT_HEADTEXT\$	The heading text for the dialog box.	4	GE_OPT_SUBHEADTEXT\$	The subheading text for the dialog box.
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## Returns

index:@fm:name, where the index specifies the filter/list number (position within TypeDesc) and the name is either a fully qualified entity id (if bFilter<index> is true) or the item selected from the list.

## See also

[NewEntity\(\)](#)

## Example

```
* Create an Open Dialog for all Native Reports and launch the  
* opened report
```

```
Declare Function Repository  
$Insert Logical  
$Insert GetEntity_Equates
```

```
mode      = GE_MODE_OPEN$  
Type_Desc = 'Banded Reports':@fm:'Report Builder Reports'  
bFilter = True$ : @fm : True$  
Display = 'OIREPORT*BRWLAYOUT' : @fm : 'OIREPORT*RBLAYOUT'  
Item_Label = "Banded Reports" : @fm : "Report Builder Reports"  
List_Label = "Report Type" : @fm : "Type of Reports"  
Default_Item = ""  
Default_Type = ""  
options = ""  
options<1> = "Run Reports"  
options<2> = 1  
options<3> = "Run Reports"  
options<4> = "Select a Report to Run"
```

```
ReposID = GetEntity(Mode, Type_Desc, bFilter, Display, | Item_Label, List_Label, Default_Item, Default_Type,  
Options)
```

```
If ReposID then  
    report_info = Repository('EXECUTE', ReposID<2>)  
end
```