

# Solution

## Event Summery

- Boolean** [#onClose](#)  
The method that is executed when a solution closes.
- [#onDataBroadcast](#)  
Method that is executed when data broadcast occurs.
- Boolean** [#onError](#)  
The method that is executed when a solution opens and an error occurs.
- [#onOpen](#)  
The method that is executed when a solution opens.

## Property Summery

- Number** [#firstForm](#)  
The first form that loads when a solution is deployed.
- String** [#i18nDataSource](#)  
The i18n database server connection and database table that stores the i18n keys for a solution.
- Number** [#loginForm](#)  
The name of the login form that loads when a solution is deployed.
- String** [#loginSolutionName](#)  
Get the first module that is also a login solution.
- String** [#modulesNames](#)  
The list of modules that have been added to a solution.
- Boolean** [#mustAuthenticate](#)  
Flag that tells if authentication is needed in order to access the solution.
- Number** [#solutionType](#)  
The type of a solution; can be "Normal" (non-module), "Module", "Web client only", "Smart client only" .
- Number** [#textOrientation](#)  
The direction that text is displayed.
- String** [#titleText](#)  
The menu bar title of a solution.

## Event Details

[onClose](#)  
The method that is executed when a solution closes. The default is -none-.

**Parameters**  
{[Boolean](#)} force – if false then solution close can be stopped by returning false

### Returns

[Boolean](#)

[onDataBroadcast](#)  
Method that is executed when data broadcast occurs. The default is -none-.

### Parameters

{[String](#)} dataSource – table data source  
{[Number](#)} action – see ACTION constants  
{[Boolean](#)} cached – data was cached

[onError](#)  
The method that is executed when a solution opens and an error occurs. The default is -none-.

### Returns

[Boolean](#)

[onOpen](#)  
The method that is executed when a solution opens. The default is -none-.

## Property Details

[firstForm](#)  
The first form that loads when a solution is deployed.

NOTE: If the Login form is specified, then the firstForm is the first form that will load next after the loginForm.

### Returns

[Number](#)

[i18nDataSource](#)  
The i18n database server connection and database table that stores the i18n keys for a solution.

**Returns**

[String](#)

loginForm

The name of the login form that loads when a solution is deployed.

**Returns**

[Number](#)

loginSolutionName

Get the first module that is also a login solution.

**Returns**

[String](#)

modulesNames

The list of modules that have been added to a solution.

**Returns**

[String](#)

mustAuthenticate

Flag that tells if authentication is needed in order to access the solution.

To enforce a default Servoy user name and password login dialog; if set a login dialog is required, if unchecked no login dialog is required.

**Returns**

[Boolean](#)

solutionType

The type of a solution; can be "Normal" (non-module), "Module", "Web client only", "Smart client only" .

**Returns**

[Number](#)

textOrientation

The direction that text is displayed.

Options include:

DEFAULT

left to right

right to left

locale specific

**Returns**

[Number](#)

titleText

The menu bar title of a solution.

**Returns**

[String](#)