Solution

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Supported Clients

SmartClient WebClient NGClient MobileClient

Property Summary

String	comment	
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", "Login", "Authenticator", "Pre-import hook module", "Post-import hook module", "Mobile".
Number	styleSheet	The custom CSS used by the solution (a MEDIA lib entry).
Number	textOrientation	The direction that text is displayed.
String	titleText	The menu bar title of a solution.
String	version	This is the version of the solution, this can be any kind of string but try to follow "Semantic Versioning".

Event Summary

void	onAutoSaveFailed(recordMarkers)	The method that is executed when autosave results in validation or save failures.
void	onBeforeLogin(|)	The method that is to onOpen just that it executes before the login on solutions with a login form (not login soliution).
Boolean	onClose(force)	The method that is executed when a solution closes.
void	onDataBroadcast(dataSource, action, pks, cached)	Method that is executed when data broadcast occurs.
Boolean	onError(ex)	The method that is executed when a solution opens and an error occurs.
void	onOpen(arg, |)	The method that is executed when a solution opens.

Property Details

comment

Returns

String

Supported Clients

SmartClient,WebClient,NGClient

Sample

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

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

i18nDataSource

```
The i18n database server connection and database table that stores the i18n keys for a solution.
```

Returns

String

Supported Clients

SmartClient,WebClient,NGClient

Sample

loginForm

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

Returns

Number

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

loginSolutionName

Get the first module that is also a login solution.

Returns

String

Supported Clients

SmartClient,WebClient,NGClient

Sample

modulesNames

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

Returns

String

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

mustAuthenticate

Flag that tells if authentication is needed in order to access the solution.
If unchecked, the Smart Client will always require authentication, regardless of this setting.
If checked, authentication is required, and either a provided loginSolution or otherwise the default Servoy login mechanism will be used.
If default Servoy login mechanism is used, the "servoy.webclient.basic.authentication" setting on the Admin Page can be used to enable the use of the standard browser basic authentication.

Returns

Boolean

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

solutionType

The type of a solution; can be "Normal" (non-module), "Module", "Web client only", "Smart client only", "Login", "Authenticator", "Pre-import hook module", "Post-import hook module", "Mobile".
These constants are defined in SolutionMetaData class.

Returns

Number

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

styleSheet

The custom CSS used by the solution (a MEDIA lib entry). It can reference other media resources (even additional .css through relative '@import' statements).
For NGClient - this CSS will be available directly in the browser.

Returns

Number

Supported Clients

NGClient

Sample

textOrientation

The direction that text is displayed.

Options include:
DEFAULT
left to right
right to left
locale specific

Returns

Number

Supported Clients

SmartClient,WebClient,NGClient

Sample

titleText

The menu bar title of a solution.

Returns

String

Supported Clients

SmartClient,WebClient,NGClient

Sample

version

This is the version of the solution, this can be any kind of string but try to follow "Semantic Versioning".
This version is important when you are making modules that are distributed by the Servoy Package Manager.
Then this version is used to know what the developer has installed. This version should be in sync then with the webpackage.json file.

Returns

String

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

Event Details

onAutoSaveFailed(recordMarkers)

The method that is executed when autosave results in validation or save failures.
This is not called for save or validate calls that are triggered from javascript itself (databaseManager.saveData()), only when Servoy tries an auto save
because of some event like user clicking on the form itself or foundset selection change.

Parameters

Object recordMarkers an array of all the record markers that failed to validate or save.

Supported Clients

SmartClient,WebClient,NGClient

Sample

onBeforeLogin(|)

```
The method that is to onOpen just that it executes before the login on solutions with a login form (not login
soliution). The default is -none-.
```

Parameters

Object| String> queryParams all query parameters of the deeplink url with which the Client was started, key>string if there was one value else key>Array<String>

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

onClose(force)

```
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

Supported Clients

SmartClient,WebClient,NGClient

Sample

onDataBroadcast(dataSource, action, pks, cached)

```
Method that is executed when data broadcast occurs. The default is -none-.
```

Parameters

String	dataSource	table data source
Number	action	see SQL_ACTION_TYPES constants
JSDataSet	pks	affected primary keys
Boolean	cached	data was cached

Supported Clients

SmartClient,WebClient,NGClient

Sample

onError(ex)

```
The method that is executed when a solution opens and an error occurs. The default is -none.
```

Parameters

Object ex exception to handle

Returns

Boolean

Supported Clients

SmartClient,WebClient,NGClient

Sample

onOpen(arg, |)

```
The method that is executed when a solution opens. The default is -none-.
```

Parameters

String arg startup argument part of the deeplink url with which the Client was started

Object| String> queryParams all query parameters of the deeplink url with which the Client was started, key>string if there was one value else key>Array<String>

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample