

ServoyApi

 Apr 07, 2024 13:11

Supported Clients

NGClient

Methods Summary

Boolean	<code>addFoundSetFilterParam(foundset, query, filterName)</code>	Add a filter parameter that is permanent per user session to limit a specified foundset of records.
Object	<code>copyObject(value)</code>	Can be used to deep copy a custom value.
JSDataset	<code>getDataSetByQuery(query, max_returned_rows)</code>	Performs a sql query with a query builder object.
Array	<code>getDatasourcePKs(datasource)</code>	This will generate a list of primary keys names for the given data source.
String	<code>getMediaUrl(bytes)</code>	This will generate a url from a byte array so that the client can get the bytes from that url.
QBSelect	<code>getQuerySelect(dataSource)</code>	Get select query for dataSource
JSFoundSet	<code>getViewFoundSet(name, query)</code>	
Boolean	<code>hideForm(formName)</code>	Hide a form directly on the server for instance when a tab will change on the client, so it won't need to do a round trip for hiding the form through the browser's component.

Methods Details

addFoundSetFilterParam(foundset, query, filterName)

Add a filter parameter that is permanent per user session to limit a specified foundset of records. This is similar as calling `foundset.js_addFoundSetFilterParam`, but the main difference is that this works also on related foundsets.

Parameters

`JSFoundSet` foundset The foundset to add the filter param/query to
`QBSelect` query The query representing the filter
`String` filterName a name given to this foundset filter

Returns

`Boolean`

Supported Clients

NGClient

Sample

copyObject(value)

Can be used to deep copy a custom value.

Parameters

`Object` value the value to be copied

Returns

`Object` a copy of the value object, the same as constructing the object in javascript from scratch

Supported Clients

NGClient

Sample

```
var eventSourceCopy = servoyApi.copyObject(eventSource);
```

getDataSetByQuery(query, max_returned_rows)

Performs a sql query with a query builder object. Will throw an exception if anything did go wrong when executing the query. Will use any data filter defined on table.

Parameters

`QBSelect` query QBSelect query.
`Number` max_returned_rows The maximum number of rows returned by the query.

Returns

`JSDataset` The JSDataset containing the results of the query.

Supported Clients

NGClient

Sample

```
var dataset = servoyApi.getDataSetByQuery(qbselect, 10);
```

getDatasourcePKs(datasource)

This will generate a list of primary keys names for the given data source.

Parameters

[String](#) datasource the data source

Returns

[Array](#) a list of primary key names

Supported Clients

NGClient

Sample

```
var pkNames = servoyApi.getDatasourcePKs(datasource);
```

getMediaUrl(bytes)

This will generate a url from a byte array so that the client can get the bytes from that url.

Parameters

[Array](#) bytes The value where an url should be created for

Returns

[String](#) the url where the bytes can be downloaded from

Supported Clients

NGClient

Sample

```
var url = servoyApi.getMediaUrl(bytes);
```

getQuerySelect(dataSource)

Get select query for dataSource

Parameters

[String](#) dataSource the dataSource

Returns

[QBSelect](#) QB select for the dataSource

Supported Clients

NGClient

Sample**getViewFoundSet(name, query)****Parameters**

[String](#) name;

[QBSelect](#) query;

Returns

[JSFoundSet](#)

Supported Clients

NGClient

Sample**hideForm(formName)**

Hide a form directly on the server for instance when a tab will change on the client, so it won't need to do a round trip for hiding the form through the browser's component.

Parameters

[Object](#) `formName` the form to hide

Returns

[Boolean](#) true if the form was hidden

Supported Clients

NGClient

Sample

```
servoyApi.hideForm(formToHideName)
```