

# ServoyApi

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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`

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#### 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

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#### 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.

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**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

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**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

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**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

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

[String](#) name;

[QBSelect](#) query;

**Returns**

[JSFoundSet](#)

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**Sample****hideForm(formName)**

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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

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**Sample**

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