

controller

Property Summery

- Boolean** [#enabled](#)
Gets or sets the enabled state of a form; also known as "grayed-out".
- Boolean** [#readOnly](#)
Gets or sets the read-only state of a form; also known as "editable"
- Note: The field(s) in a form set as read-only can be selected and the field data can be copied to clipboard.
- Number** [#view](#)
Get/Set the current type of view of this form.

Method Summery

- Boolean** [#deleteAllRecords\(\)](#)
Deletes all records in foundset, resulting in empty foundset.
- Boolean** [#deleteRecord\(\)](#)
Delete current selected record, deletes mulitple selected records incase the foundset is using multiselect.
- Boolean** [#duplicateRecord\(\[location\]\)](#)
Duplicate current record or record at index in the form foundset.
- Boolean** [#find\(\)](#)
Start a find request, use the "search" function to perform/exit the find.
- void** [#focusField\(fieldName, skipReadOnly\)](#)
Sets focus to a field specified by its name.
- void** [#focusFirstField\(\)](#)
Sets focus to the first field of the form; based on tab order sequence.
- String** [#getContainerName\(\)](#)
Get the name of the window/dialog this form is displayed in.
- Number** [#getDataProviderMaxLength\(name\)](#)
Returns the maximum length allowed in the specified dataprovider.
- Object** [#getDataProviderValue\(dataProvider\)](#)
Gets a value based on the specified dataprovider name.
- String** [#getDataSource\(\)](#)
Get the used datasource.
- Boolean** [#getDesignMode\(\)](#)
Returns the state of this form designmode.
- JSDataSet** [#getFormContext\(\)](#)
Gets the forms context where it resides, returns a dataset of its structure to the main controller.
- Number** [#getFormWidth\(\)](#)
Gets the form width in pixels.
- Number** [#getMaxRecordIndex\(\)](#)
Returns the current cached record count of the current foundset.
- String** [#getName\(\)](#)
Get the name of this form.
- Number** [#getPartHeight\(partType\)](#)
Gets the part height in pixels.
- Number** [#getPartYOffset\(partType\)](#)
Returns the Y offset of a given part of the form.
- Number** [#getSelectedIndex\(\)](#)
Gets the current record index of the current foundset.
- String[]** [#getTabSequence\(\)](#)
Get an array with the names of the components that are part of the tab sequence.
- Boolean** [#invertRecords\(\)](#)
Inverts the current foundset against all rows of the current table; all records that are not in the foundset will become the current foundset.
- Boolean** [#loadAllRecords\(\)](#)
Loads all accessible records from the datasource into the form foundset.
- Boolean** [#loadOmittedRecords\(\)](#)
Loads the records that are currently omitted in the form foundset.
- Boolean** [#loadRecords\(\[data\], \[queryArgumentsArray\]\)](#)
Load records via a (related) foundset, primary key (dataset/number/uuid) or query into the form.
- Boolean** [#newRecord\(\[location\]\)](#)
Create a new record in the form foundset.
- Boolean** [#omitRecord\(\)](#)
Omit current record in form foundset, to be shown with loadOmittedRecords.
- void** [#print\(\[printCurrentRecordOnly\], \[showPrinterSelectDialog\], \[printerJob\]\)](#)
Print this form with current foundset, without preview.
- String** [#printXML\(\[printCurrentRecordOnly\]\)](#)
Print this form with current foundset records to xml format.

Boolean	#recreateUI() Recreates the forms UI components, to reflect the latest solution model.
void	#relookup() Performs a relookup for the current foundset record dataproviders.
Number	#search() ([clearLastResults], [reduceSearch]) Start the database search and use the results, returns the number of records, make sure you did "find" function first.
void	#setDataProviderValue() (dataprovder, value) Sets the value based on a specified dataprovder name.
void	#setDesignMode() ([ondrag], [ondrop], [onselect], [onresize]) Sets this form in designmode with param true or one or more methods.
void	#setPageFormat() (width, height, leftmargin, rightmargin, topmargin, bottommargin, [orientation], [units]) Set the page format to use when printing.
void	#setPreferredPrinter() (printerName) Set the preferred printer name to use when printing.
void	#setSelectedIndex() (index) Sets the current record index of the current foundset.
void	#setTabSequence() (arrayOfElements) Set the tab order sequence programatically, by passing the elements references in a javascript array.
void	#show() ([dialogName/windowName], [modal]) Shows the form (makes the form visible), optionally shown in the specified dialog (modal or not)/window.
void	#showPrintPreview() ([printCurrentRecordOnly], [printerJob], [zoomFactor]) Show this form in print preview.
void	#showRecords() (data, [dialogName/windowName], [modal]) Load data into the form and shows the form, is a shortcut for the functions 'loadRecords' and 'show'.
void	#sort() (sortString, [defer]) Sorts the form foundset based on the given sort string.
void	#sortDialog() ([sortString]) Show the sort dialog to the user a preselection sortString can be passed, to sort the form foundset.

Property Details

enabled

Gets or sets the enabled state of a form; also known as "grayed-out".

Notes:

- A disabled element(s) cannot be selected by clicking the form.

- The disabled "grayed" color is dependent on the LAF set in the Servoy Smart Client Application Preferences.

Returns

Boolean

Sample

```
//gets the enabled state of the form
var state = forms.customer.controller.enabled;
//enables the form for input
forms.customer.controller.enabled = true;
```

readOnly

Gets or sets the read-only state of a form; also known as "editable"

Note: The field(s) in a form set as read-only can be selected and the field data can be copied to clipboard.

Returns

Boolean

Sample

```
//gets the read-only state of the form
var state = forms.customer.controller.readOnly;
//sets the read-only state of the form
forms.customer.controller.readOnly = true
```

view

Get/Set the current type of view of this form.

Returns

Number

Sample

```
//gets the type of view for this form
var view = forms.customer.controller.view;
//sets the form to Record view
forms.customer.controller.view = 0;//RECORD_VIEW
//sets the form to List view
forms.customer.controller.view = 1;//LIST_VIEW
```

Method Details

deleteAllRecords

Boolean **deleteAllRecords()**

Deletes all records in foundset, resulting in empty foundset.

Returns

Boolean – false incase of related foundset having records and orphans records are not allowed by the relation

Sample

```
var success = forms.customer.controller.deleteAllRecords();
```

deleteRecord

Boolean **deleteRecord()**

Delete current selected record, deletes multiple selected records incase the foundset is using multiselect.

Returns

Boolean – false incase of related foundset having records and orphans records are not allowed by the relation

Sample

```
var success = forms.customer.controller.deleteRecord();
```

duplicateRecord

Boolean **duplicateRecord**([location])

Duplicate current record or record at index in the form foundset.

Parameters

[location] – boolean true adds the new record as the topmost record, or adds at specified index

Returns

Boolean – true if succesful

Sample

```
forms.customer.controller.duplicateRecord(); //duplicate the current record, adds on top
//forms.customer.controller.duplicateRecord(false); //duplicate the current record, adds at bottom
//forms.customer.controller.duplicateRecord(1,2); //duplicate the first record as second record
```

find

Boolean **find**()

Start a find request, use the "search" function to perform/exit the find.

Make sure the operator and the data (value) are part of the string passed to dataprovider (included inside a pair of quotation marks).

Syntax:

<dataprovidername> = '<operator>data'

Example:

```
if (controller.find()) //find will fail if autosave is disabled and there are unsaved records
{
    columnTextDataProvider = '=a search value';
    columnNumberDataProvider = '>=10';
    columnDateDataProvider = '>=10-03-2009|dd-MM-yyyy';
    controller.search()
}
```

Returns

Boolean – true if successful, will return false if autosave is disabled and there are unsaved records.

Also see

[controller.search](#)

[databaseManager.setAutoSave](#)

Sample

```
if (forms.customer.controller.find()) //find will fail if autosave is disabled and there are unsaved records
{
    columnTextDataProvider = '=a search value';
    columnNumberDataProvider = '>10';
    columnDateDataProvider = '>=10-03-2009|dd-MM-yyyy';
    forms.customer.controller.search()
}
```

focusField

void **focusField**(fieldName, skipReadOnly)

Sets focus to a field specified by its name.

If the second parameter is set to true, then readonly fields will be skipped

(the focus will be set to the first non-readonly field located after the field with the specified name; the tab sequence is respected when searching for the non-readonly field).

Parameters

{**String**} **fieldName** – the name of the field to be focussed

{**Boolean**} **skipReadOnly** – boolean indication to skip read only fields, if the named field happens to be read only

Returns

void

Sample

```
var tabseq = forms.customer.controller.getTabSequence();
if (tabseq.length > 1) {
    // If there is more than one field in the tab sequence,
    // focus the second one and skip over readonly fields.
    forms.customer.controller.focusField(tabseq[1], true);
}
else {
    // If there is at most one field in the tab sequence, then focus
    // whatever field is first, and don't bother to skip over readonly fields.
    forms.customer.controller.focusField(null, false);
}
```

focusFirstField

void **focusFirstField()**

Sets focus to the first field of the form; based on tab order sequence.

Returns

void

Also see

[controller.focusField](#)

Sample

```
forms.customer.controller.focusFirstField();
```

getContainerName

[String](#) **getContainerName()**

Get the name of the window/dialog this form is displayed in.

Returns

[String](#) – the name of the window/dialog this form is displayed in. If the form is not showing in a window or dialog (other than main application frame), it returns null.

Also see

[application.showFormInDialog](#)

[application.showFormInWindow](#)

Sample

```
var dialogOrWindowName = forms.customer.controller.getContainerName();
if (dialogOrWindowName != null) {
    application.closeForm(dialogOrWindowName);
}
```

getDataProviderMaxLength

[Number](#) **getDataProviderMaxLength(name)**

Returns the maximum length allowed in the specified dataprovider.

Parameters

[String](#) name – the dataprovider name

Returns

[Number](#) – the length

Sample

```
forms.customer.controller.getDataProviderMaxLength('name');
```

getDataProviderValue

[Object](#) **getDataProviderValue(dataProvider)**

Gets a value based on the specified dataprovider name.

Parameters

[String](#) dataProvider – the dataprovider name to retrieve the value for

Returns

[Object](#) – the dataprovider value (null if unknown dataprovider)

Sample

```
var val = forms.customer.controller.getDataProviderValue('contact_name');
```

getDataSource

String **getDataSource()**

Get the used datasource.

Returns

String – the datasource

Sample

```
var dataSource = forms.customer.controller.getDataSource();
```

getDesignMode

Boolean **getDesignMode()**

Returns the state of this form designmode.

Returns

Boolean – the design mode state (true/false)

Sample

```
var success = forms.customer.controller.getDesignMode();
```

getFormContext

JSDataSet **getFormContext()**

Gets the forms context where it resides, returns a dataset of its structure to the main controller.

Note: can't be called in onload, because no context is yet available at this time.

Returns

JSDataSet – the dataset with form context

Also see

[JSDataSet](#).

Sample

```
var dataset = forms.customer.controller.getFormContext();
if (dataset.getMaxRowIndex() > 1)
{
    // form is in a tabpanel
    //dataset columns: [containername(1),formname(2),tabpanel or beanname(3),tabname(4),tabindex(5)]
    //dataset rows: mainform(1) -> parent(2) -> current form(3) (when 3 forms deep)
    var parentFormName = dataset.getValue(1,2)
}
```

getFormWidth

Number **getFormWidth()**

Gets the form width in pixels.

Returns

Number – the width in pixels

Sample

```
var width = forms.customer.controller.getFormWidth();
```

getMaxRecordIndex

Number **getMaxRecordIndex()**

Returns the current cached record count of the current foundset.

To return the full foundset count, use: [databaseManager.getFoundSetCount\(...\)](#)

Tip: get the table count of all rows in a table, use: [databaseManager.getTableCount\(...\)](#)

Returns

Number – the max record index

Also see

[databaseManager.getFoundSetCount](#)

Sample

```
for ( var i = 1 ; i <= forms.customer.controller.getMaxRecordIndex() ; i++ )
{
    forms.customer.controller.setSelectedIndex(i);
    //do some action per record
}
```

getName

String **getName()**

Get the name of this form.

Returns

String – the name

Sample

```
var formName = forms.customer.controller.getName();
```

getPartHeight

Number **getPartHeight(partType)**

Gets the part height in pixels.

Parameters

{Number} partType – The type of the part whose height will be returned.

Returns

Number – the part height in pixels

Sample

```
var height = forms.customer.controller.getPartHeight(JSPart.BODY);
```

getPartYOffset

Number **getPartYOffset(partType)**

Returns the Y offset of a given part of the form.

Parameters

{Number} partType – The type of the part whose Y offset will be returned.

Returns

Number – A number holding the Y offset of the specified form part.

Sample

```
var offset = forms.customer.controller.getPartYOffset(JSPart.BODY);
```

getSelectedIndex

Number **getSelectedIndex()**

Gets the current record index of the current foundset.

Returns

Number – the index

Sample

```
//gets the current record index in the current foundset
var current = forms.customer.controller.getSelectedIndex();
//sets the next record in the foundset, will be reflected in UI
forms.customer.controller.setSelectedIndex(current+1);
```

getTabSequence

String[] **getTabSequence()**

Get an array with the names of the components that are part of the tab sequence.

The order of the names respects the order of the tab sequence.

Components that are not named will not appear in the returned array, although they may be in the tab sequence.

Returns

String[] – array of names

Sample

```
var tabseq = forms.customer.controller.getTabSequence();
if (tabseq.length > 1) {
    // If there is more than one field in the tab sequence,
    // focus the second one and skip over readonly fields.
    forms.customer.controller.focusField(tabseq[1], true);
}
else {
    // If there is at most one field in the tab sequence, then focus
    // whatever field is first, and don't bother to skip over readonly fields.
    forms.customer.controller.focusField(null, false);
}
```

invertRecords

Boolean invertRecords()

Inverts the current foundset against all rows of the current table; all records that are not in the foundset will become the current foundset.

Returns

Boolean – true if successful

Sample

```
forms.customer.controller.invertRecords();
```

loadAllRecords

Boolean loadAllRecords()

Loads all accessible records from the datasource into the form foundset.

When the form contains a related foundset it will be replaced by a default foundset on same datasource.

Notes:

-the default foundset is always limited by filters, if `databaseManager.addFoundSetFilterParam` function is used.

-typical use is loading the normal foundset again after form usage in a related tabpanel

Returns

Boolean – true if successful

Also see

[databaseManager.addTableFilterParam](#)

Sample

```
forms.customer.controller.loadAllRecords();
```

loadOmittedRecords

Boolean loadOmittedRecords()

Loads the records that are currently omitted in the form foundset.

Returns

Boolean – true if successful

Sample

```
forms.customer.controller.loadOmittedRecords();
```

loadRecords

Boolean loadRecords([data], [queryArgumentsArray])

Load records via a (related) foundset, primary key (dataset/number/uuid) or query into the form.

Load records can be used in 5 different ways

1) to load a (related)foundset into the form.

the form will no longer share the default foundset with forms of the same datasource, use loadAllRecords to restore the default foundset
controller.loadRecords(order_to_orderdetails);

2) to load a primary key dataset, will remove related sort!

```
var dataset = databaseManager.getDataSetByQuery(...);  
controller.loadRecords(dataset);
```

3) to load a single record by primary key, will remove related sort! (pk should be a number or UUID)

```
controller.loadRecords(123);
```

or

```
controller.loadRecords(application.getUUID('6b5e2f5d-047e-45b3-80ee-3a32267b1f20'));
```

4) to reload all last related records again, if for example after a search in related tabpanel

```
controller.loadRecords();
```

5) to load records in to the form based on a query (also known as 'Form by query')

```
controller.loadRecords(sqlstring,parameters);
```

limitations/requirements for sqlstring are:

- must start with 'select'

- the selected columns must be the (Servoy Form) table primary key columns (alphabetically ordered like 'select a_id, b_id,c_id ...')

- can contain '?' which are replaced with values from the array supplied to parameters argument

if the sqlstring contains an 'order by' clause, the records will be sorted accordingly and additional constraints apply:

- must contain 'from' keyword

- the 'from' must be a comma separated list of table names

- must at least select from the table used in Servoy Form

- cannot contain 'group by', 'having' or 'union'

- all columns must be fully qualified like 'orders.order_id'

Parameters

[data] – the foundset/pkdataset/singlenMber_pk/UUIDpk/queryString to load

[queryArgumentsArray] – the arguments to replace the questions marks in the queryString

Returns

Boolean – true if successful

Also see

[JSFoundset.loadRecords](#)

Sample

```
//Load records can be used in 5 different ways  
//1) to load a (related)foundset into the form.  
//the form will no longer share the default foundset with forms of the same datasource, use loadAllRecords to  
//restore the default foundset  
//forms.customer.controller.loadRecords(order_to_orderdetails);  
  
//2) to load a primary key dataset, will remove related sort!  
//var dataset = databaseManager.getDataSetByQuery(...);  
// dataset must match the table primary key columns (alphabetically ordered)  
//forms.customer.controller.loadRecords(dataset);  
  
//3) to load a single record by primary key, will remove related sort! (pk should be a number or UUID)  
//forms.customer.controller.loadRecords(123);  
//forms.customer.controller.loadRecords(application.getUUID('6b5e2f5d-047e-45b3-80ee-3a32267b1f20'));  
  
//4) to reload all last related records again, if for example after a search in related tabpanel  
//forms.customer.controller.loadRecords();  
  
//5) to load records in to the form based on a query (also known as 'Form by query')  
//forms.customer.controller.loadRecords(sqlstring,parameters);  
//limitations/requirements for sqlstring are:  
//-must start with 'select'  
//the selected columns must be the (Servoy Form) table primary key columns (alphabetically ordered like  
'select a_id, b_id,c_id ...')  
//can contain '?' which are replaced with values from the array supplied to parameters argument  
// if the sqlstring contains an 'order by' clause, the records will be sorted accordingly and additional  
constraints apply:  
//must contain 'from' keyword  
//the 'from' must be a comma separated list of table names  
//must at least select from the table used in Servoy Form  
//cannot contain 'group by', 'having' or 'union'  
//all columns must be fully qualified like 'orders.order_id'
```

newRecord

Boolean newRecord([location])

Create a new record in the form foundset.

Parameters

[location] – boolean true adds the new record as the topmost record, or adds at specified index

Returns

Boolean – true if successful

Sample

```
// foreign key data is only filled in for equals (=) relation items
forms.customer.controller.newRecord();//default adds on top
//forms.customer.controller.newRecord(false); //adds at bottom
//forms.customer.controller.newRecord(2); //adds as second record
```

omitRecord

Boolean omitRecord()

Omit current record in form foundset, to be shown with loadOmittedRecords.

Note: The omitted records are discarded when these functions are executed: loadAllRecords, loadRecords(dataset), loadRecords(sqlstring), invert

Returns

Boolean – true if successful

Also see

[controller.loadOmittedRecords](#)

Sample

```
var success = forms.customer.controller.omitRecord();
```

print

void **print**([printCurrentRecordOnly], [showPrinterSelectDialog], [printerJob])

Print this form with current foundset, without preview.

Parameters

[printCurrentRecordOnly] – to print the current record only

[showPrinterSelectDialog] – boolean to show the printer select dialog (default printer is normally used)

[printerJob] – print to plugin printer job, see pdf printer plugin for example

Returns

void

Sample

```
//print this form (with foundset records)
forms.customer.controller.print();
//print only current record (no printerSelectDialog) to pdf plugin printer
//forms.customer.controller.print(true,false,plugins.pdf_output.getPDFPrinter('c:/temp/out.pdf'));
```

printXML

String printXML([printCurrentRecordOnly])

Print this form with current foundset records to xml format.

Parameters

[printCurrentRecordOnly] – to print the current record only

Returns

String – the XML

Sample

```
//TIP: see also plugins.file.writeXMLFile(...)
var xml = forms.customer.controller.printXML();
//print only current record
//var xml = forms.customer.controller.printXML(true);
```

recreateUI

Boolean recreateUI()

Recreates the forms UI components, to reflect the latest solution model.

Use this after altering the elements via solutionModel at the JSForm of this form.

Returns

Boolean – true if successful

Also see

[JSForm](#).

Sample

```
// get the solution model JSForm
var form = solutionModel.getForm("myForm");
// get the JSField of the form
var field = form.getField("myField");
// alter the field
field.x = field.x + 10;
// recreate the runtime forms ui to reflect the changes.
forms.customer.controller.recreateUI();
```

[relookup](#)

void **relookup()**

Performs a relookup for the current foundset record dataproviders.

Lookups are defined in the dataprovider (columns) auto-enter setting and are normally performed over a relation upon record creation.

Returns

void

Sample

```
forms.customer.controller.relookup();
```

[search](#)

[Number](#) **search**([clearLastResults], [reduceSearch])

Start the database search and use the results, returns the number of records, make sure you did "find" function first.

Note: Omitted records are automatically excluded when performing a search - meaning that the foundset result by default will not include omitted records.

Parameters

[clearLastResults] – boolean, clear previous search, default true

[reduceSearch] – boolean, reduce (true) or extend (false) previous search results, default true

Returns

[Number](#) – the recordCount

Also see

[controller.find](#)

Sample

```
var recordCount = forms.customer.controller.search();
//var recordCount = forms.customer.controller.search(false,false); //to extend foundset
```

[setDataProviderValue](#)

void **setDataProviderValue**(dataprovider, value)

Sets the value based on a specified dataprovider name.

Parameters

[{String}](#) dataprovider – the dataprovider name to set the value for

[{Object}](#) value – the value to set in the dataprovider

Returns

void

Sample

```
forms.customer.controller.setDataProviderValue('contact_name','mycompany');
```

[setDesignMode](#)

void **setDesignMode**([ondrag], [ondrop], [onselect], [onresize])

Sets this form in designmode with param true or one or more methods.

return to normal editmode with first parameter false.

Parameters

[ondrag] – boolean to indicate the designmode state or onDrag method reference

[ondrop] – onDrop method reference

[onselect] – onSelect method reference

[onresize] – onResize method reference

Returns

void

Sample

```
//Set the current form in designmode with no callbacks
forms.customer.controller.setDesignMode(true);

//Set the current form in designmode with callbacks
forms.customer.controller.setDesignMode(onDragMethod,onDropMethod,onSelectMethod,onResizeMethod);

//Set the current form out of designmode (to normal browse)
forms.customer.controller.setDesignMode(false);
```

setPageFormat

void **setPageFormat**(width, height, leftmargin, rightmargin, topmargin, bottommargin, [orientation], [units])

Set the page format to use when printing.

Orientation values:

0 - Landscape mode

1 - Portrait mode

Units values:

0 - millimeters

1 - inches

2 - pixels

Note: The unit specified for width, height and all margins MUST be the same.

Parameters

width – the specified width of the page to be printed.

height – the specified height of the page to be printed.

leftmargin – the specified left margin of the page to be printed.

rightmargin – the specified right margin of the page to be printed.

topmargin – the specified top margin of the page to be printed.

bottommargin – the specified bottom margin of the page to be printed.

[orientation] – the specified orientation of the page to be printed; the default is Portrait mode

[units] – the specified units for the width and height of the page to be printed; the default is pixels

Returns

void

Sample

```
//Set page format to a custom size of 100x200 pixels with 10 pixel margins on all sides in portrait mode
forms.customer.controller.setPageFormat(100, 200, 10, 10, 10, 10, 10);

//Set page format to a custom size of 100x200 mm in landscape mode
forms.customer.controller.setPageFormat(100, 200, 0, 0, 0, 0, 0, 0);

//Set page format to a custom size of 100x200 inch in portrait mode
forms.customer.controller.setPageFormat(100, 200, 0, 0, 0, 0, 1, 1);
```

setPreferredPrinter

void **setPreferredPrinter**(printerName)

Set the preferred printer name to use when printing.

Parameters

{String} printerName – The name of the printer to be used when printing.

Returns

void

Sample

```
forms.customer.controller.setPreferredPrinter('HP Laser 2200');
```

setSelectedIndex

void **setSelectedIndex**(index)

Sets the current record index of the current foundset.

Parameters

{Number} index – the index to select

Returns

void

Sample

```
//gets the current record index in the current foundset
var current = forms.customer.controller.getSelectedIndex();
//sets the next record in the foundset, will be reflected in UI
forms.customer.controller.setSelectedIndex(current+1);
```

setTabSequence

void **setTabSequence**(arrayOfElements)

Set the tab order sequence programatically, by passing the elements references in a javascript array.

Parameters

{Object[]} arrayOfElements – array containing the element references

Returns

void

Sample

```
forms.customer.controller.setTabSequence([forms.customer.elements.fld_order_id, forms.customer.elements.fld_order_amount]);
```

show

void **show**([dialogName/windowName], [modal])

Shows the form (makes the form visible), optionally shown in the specified dialog (modal or not)/window.

This function does not affect the form foundset in any way.

Parameters

[dialogName/windowName] – the dialog/window name

[modal] – boolean indicating modality for dialogs or null if it should use a window; default value is false.

Returns

void

Sample

```
//show the form in the current window/dialog
forms.customer.controller.show();
//show the form in the named modal dialog
//forms.customer.controller.show('mydialog', true);
//show the form in a named window
//forms.customer.controller.show('mywindow', null);
```

showPrintPreview

void **showPrintPreview**([printCurrentRecordOnly], [printerJob], [zoomFactor])

Show this form in print preview.

Parameters

[printCurrentRecordOnly] – to print the current record only

[printerJob] – print to plugin printer job, see pdf printer plugin for example (incase print is used from printpreview)

[zoomFactor] – a specified number value from 10-400

Returns

void

Sample

```
//shows this form (with foundset records) in print preview
forms.customer.controller.showPrintPreview();
//to print preview current record only
//forms.customer.controller.showPrintPreview(true);
//to print preview current record only with 125% zoom factor;
//forms.customer.controller.showPrintPreview(true, null, 125);
```

showRecords

void **showRecords**(data, [dialogName/windowName], [modal])

Load data into the form and shows the form, is a shortcut for the functions 'loadRecords' and 'show'.

Parameters

data – the foundset/pkdataset/singlenMber_pk/UUIDpk to load before showing the form

[dialogName/windowName] – the dialog/window name

[modal] – boolean indicating modality for dialogs or null if it should use a window; default value is false

Returns

void

Also see[controller.loadRecords](#)[controller.show](#)**Sample**

```
forms.customer.controller.showRecords(foundset);  
//show the form in the named modal dialog  
//forms.customer.controller.show(foundset, 'mydialog', true);  
//show the form in the named window  
//forms.customer.controller.show(foundset, 'mywindow', null);
```

sort

void **sort**(sortString, [defer])

Sorts the form foundset based on the given sort string.

TIP: You can use the Copy button in the developer Select Sorting Fields dialog to get the needed syntax string for the desired sort fields/order.

Parameters

sortString – the specified columns (and sort order)

[defer] – the "sortString" will be just stored, without performing a query on the database (the actual sorting will be deferred until the next data loading action).

Returns

void

Sample

```
forms.customer.controller.sort('columnA desc,columnB asc');
```

sortDialog

void **sortDialog**([sortString])

Show the sort dialog to the user a preselection sortString can be passed, to sort the form foundset.

TIP: You can use the Copy button in the developer Select Sorting Fields dialog to get the needed syntax string for the desired sort fields/order.

Parameters

[sortString] – the specified columns (and sort order)

Returns

void

Sample

```
forms.customer.controller.sortDialog('columnA desc,columnB asc');
```