

# Table

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Supported Clients

SmartClient WebClient NGClient

Property Summary

Object    columns

| Event Summary |                                                                    |                                                                                                         |
|---------------|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| void          | <a href="#">onAfterCreate(record)</a>                              | A method that is executed after a new record is created.                                                |
| void          | <a href="#">onAfterDelete(record)</a>                              | A method that is executed after a delete operation.                                                     |
| void          | <a href="#">onAfterFind()</a>                                      | A method that is executed after a foundset has switched to find mode.                                   |
| void          | <a href="#">onAfterInsert(record)</a>                              | A method that is executed after an insert operation.                                                    |
| void          | <a href="#">onAfterSearch()</a>                                    | A method that is executed after a search is executed for a foundset.                                    |
| void          | <a href="#">onAfterUpdate(record)</a>                              | A method that is executed after an update operation.                                                    |
| Boolean       | <a href="#">onCreate()</a>                                         | A method that is executed before a record is created.                                                   |
| Boolean       | <a href="#">onDelete(record)</a>                                   | A method that is executed before a delete operation.                                                    |
| Boolean       | <a href="#">onFind()</a>                                           | A method that is executed before a foundset is going into find mode.                                    |
| void          | <a href="#">onFoundSetLoad(memOrViewName)</a>                      | A method that is executed when an in memory or viewfoundset table is first touched (by ui or scripting) |
| JSDataSet     | <a href="#">onFoundsetNextChunk(inmemDataSourceName, sizeHint)</a> | A method that can be used to load extra data in an in memory datasource.                                |
| Boolean       | <a href="#">onInsert(record, recordMarkers, stateObject)</a>       | A method that is executed before an insert operation.                                                   |
| Boolean       | <a href="#">onSearch(clearLastResults, reduceSearch)</a>           | A method that is executed before search() is called on a foundset in find mode.                         |
| Boolean       | <a href="#">onUpdate(record, recordMarkers, stateObject)</a>       | A method that is executed before an update operation.                                                   |
| void          | <a href="#">onValidate(record, recordMarkers, stateObject)</a>     | A method that is executed before an insert operation.                                                   |

Property Details

columns

Returns

Object

Supported Clients

SmartClient,WebClient,NGClient

Sample

Event Details

**onAfterCreate(record)**  
A method that is executed after a new record is created.

Parameters

[JSRecord](#) record record that is created

Supported Clients

SmartClient,WebClient,NGClient

Sample

**onAfterDelete(record)**  
A method that is executed after a delete operation.

Parameters

[JSRecord](#) record record that is deleted

Supported Clients

SmartClient,WebClient,NGClient

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**Sample**  
**onAfterFind()**

A method that is executed after a foundset has switched to find mode.

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**  
**onAfterInsert(record)**

A method that is executed after an insert operation.

**Parameters**

[JSRecord](#) record record that is inserted

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**  
**onAfterSearch()**

A method that is executed after a search is executed for a foundset.

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**  
**onAfterUpdate(record)**

A method that is executed after an update operation.

**Parameters**

[JSRecord](#) record record that is updated

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**  
**onCreate()**

A method that is executed before a record is created. The method can block the creation by returning false.

**Returns**

[Boolean](#)

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample**  
**onDelete(record)**

A method that is executed before a delete operation. The method can block the delete operation by returning false.

**Parameters**

[JSRecord](#) record record that will be deleted

**Returns**

[Boolean](#)

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample****onFind()**

A method that is executed before a foundset is going into find mode. The method can block the mode change.

**Returns**

[Boolean](#)

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample****onFoundSetLoad(memOrViewName)**

A method that is executed when an in memory or viewfoundset table is first touched (by ui or scripting)

**Parameters**

[String](#) memOrViewName The in memory or view foundset table name that is touched.

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample****onFoundsetNextChunk(inmemDataSourceName, sizeHint)**

A method that can be used to load extra data in an in memory datasource.

<p>

This method id called when the inMem datasource is fully read.

**Parameters**

[String](#) inmemDataSourceName name of the inmemory datasource.

[Number](#) sizeHint preferred number of records to be retrieved.

**Returns**

[JSDataSet](#)

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample****onInsert(record, recordMarkers, stateObject)**

A method that is executed before an insert operation. The method can block the insert operation by returning false.

**Parameters**

[JSRecord](#) record record that will be inserted

[JSRecordMarkers](#) recordMarkers the object where all the problems can be reported against

[Object](#) stateObject an object that a user can give to validateRecord for extra state (optional, can be null).

**Returns**

[Boolean](#)

**Supported Clients**

SmartClient,WebClient,NGClient

**Sample****onSearch(clearLastResults, reduceSearch)**

A method that is executed before search() is called on a foundset in find mode. The method can block the search (foundset will stay in find mode).

**Parameters**

[Boolean](#) clearLastResults ;

[Boolean](#) reduceSearch ;

Returns

[Boolean](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample

**onUpdate(record, recordMarkers, stateObject)**

A method that is executed before an update operation. A method can block the update by returning false.

Parameters

|                                 |               |                                                                                           |
|---------------------------------|---------------|-------------------------------------------------------------------------------------------|
| <a href="#">JSRecord</a>        | record        | record that will be updated                                                               |
| <a href="#">JSRecordMarkers</a> | recordMarkers | the object where all the problems can be reported against                                 |
| <a href="#">Object</a>          | stateObject   | an object that a user can give to validateRecord for extra state (optional, can be null). |

Returns

[Boolean](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample

**onValidate(record, recordMarkers, stateObject)**

A method that is executed before an insert operation. The method can block the insert operation by returning false.

Parameters

|                                 |               |                                                                                           |
|---------------------------------|---------------|-------------------------------------------------------------------------------------------|
| <a href="#">JSRecord</a>        | record        | record that must be validated                                                             |
| <a href="#">JSRecordMarkers</a> | recordMarkers | the object where all the problems can be reported against.                                |
| <a href="#">Object</a>          | stateObject   | an object that a user can give to validateRecord for extra state (optional, can be null). |

Supported Clients

SmartClient,WebClient,NGClient

Sample