


# JSRecord

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## Supported Clients

SmartClient WebClient NGClient MobileClient

## Property Summary

Exception	exception	Returns last occurred exception on this record (or null).
JSFoundSet	foundset	Returns parent foundset of the record.

## Methods Summary

JSDataset	getChangedData()	Returns a JSDataset with outstanding (not saved) changed data of this record.
String	getDataSource()	Returns the records datasource string.
Array	getPKs()	Returns an array with the primary key values of the record.
Boolean	hasChangedData()	Returns true if the current record has outstanding/changed data.
Boolean	isEditing()	Returns true or false if the record is being edited or not.
Boolean	isNew()	Returns true if the current record is a new record or false otherwise.
Boolean	isRelatedFoundSetLoaded(relationName)	Returns true or false if the related foundset is already loaded.
void	revertChanges()	Reverts the in memory outstanding (not saved) changes of the record.

## Property Details

### exception

Returns last occurred exception on this record (or null).

#### Returns

Exception

#### Supported Clients

SmartClient,WebClient,NGClient

#### Sample

```
var exception = record.exception;
```

### foundset

Returns parent foundset of the record.

#### Returns

JSFoundSet

#### Supported Clients

SmartClient,WebClient,NGClient,MobileClient

#### Sample

```
var parent = record.foundset;
```

## Methods Details

### getChangedData()

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Returns a JSDataSet with outstanding (not saved) changed data of this record.  
column1 is the column name, column2 is the old data and column3 is the new data.

NOTE: To return an array of records with outstanding changed data, see the function databaseManager.  
getEditedRecords().

#### Returns

JSDataSet

#### Supported Clients

SmartClient,WebClient,NGClient

#### Sample

```
/** @type {JSDataSet} */
var dataset = record.getChangedData()
for( var i = 1 ; i <= dataset.getMaxRowIndex() ; i++ )
{
    application.output(dataset.getValue(i,1) + ' ' + dataset.getValue(i,2)
+ ' ' + dataset.getValue(i,3));
}
```

### getDataSource()

Returns the records datasource string.

#### Returns

String

#### Supported Clients

SmartClient,WebClient,NGClient,MobileClient

#### Sample

```
var ds = record.getDataSource();
```

### getPKs()

Returns an array with the primary key values of the record.

#### Returns

Array

#### Supported Clients

SmartClient,WebClient,NGClient,MobileClient

#### Sample

```
var pks = foundset.getSelectedRecord().getPKs() // also foundset.getRecord can
be used
```

### hasChangedData()

Returns true if the current record has outstanding/changed data.

#### Returns

Boolean

#### Supported Clients

SmartClient,WebClient,NGClient

#### Sample

```
var hasChanged = record.hasChangedData();
```

## isEditing()

Returns true or false if the record is being edited or not.

This will not check if the record doesn't really have any changes, it just returns the edit state. So this can return true but `databaseManager.getEditedRecord()` will not return this record because that call will check if the record has really any changed values compared to the stored database values.

### Returns

Boolean

### Supported Clients

SmartClient,WebClient,NGClient,MobileClient

### Sample

```
var isEditing = foundset.getSelectedRecord().isEditing() // also foundset.  
getRecord can be used
```

## isNew()

Returns true if the current record is a new record or false otherwise.

### Returns

Boolean

### Supported Clients

SmartClient,WebClient,NGClient,MobileClient

### Sample

```
var isNew = foundset.getSelectedRecord().isNew();
```

## isRelatedFoundSetLoaded(relationName)

Returns true or false if the related foundset is already loaded. Will not load the related foundset.

### Parameters

String relationName name of the relation to check for

### Returns

Boolean

### Supported Clients

SmartClient,WebClient,NGClient

### Sample

```
var isLoading = foundset.getSelectedRecord().isRelatedFoundSetLoaded  
(relationName)
```

## revertChanges()

Reverts the in memory outstanding (not saved) changes of the record.

### Supported Clients

SmartClient,WebClient,NGClient,MobileClient

### Sample

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```
var record= %%prefix%%foundset.getSelectedRecord();  
record.revertChanges();
```