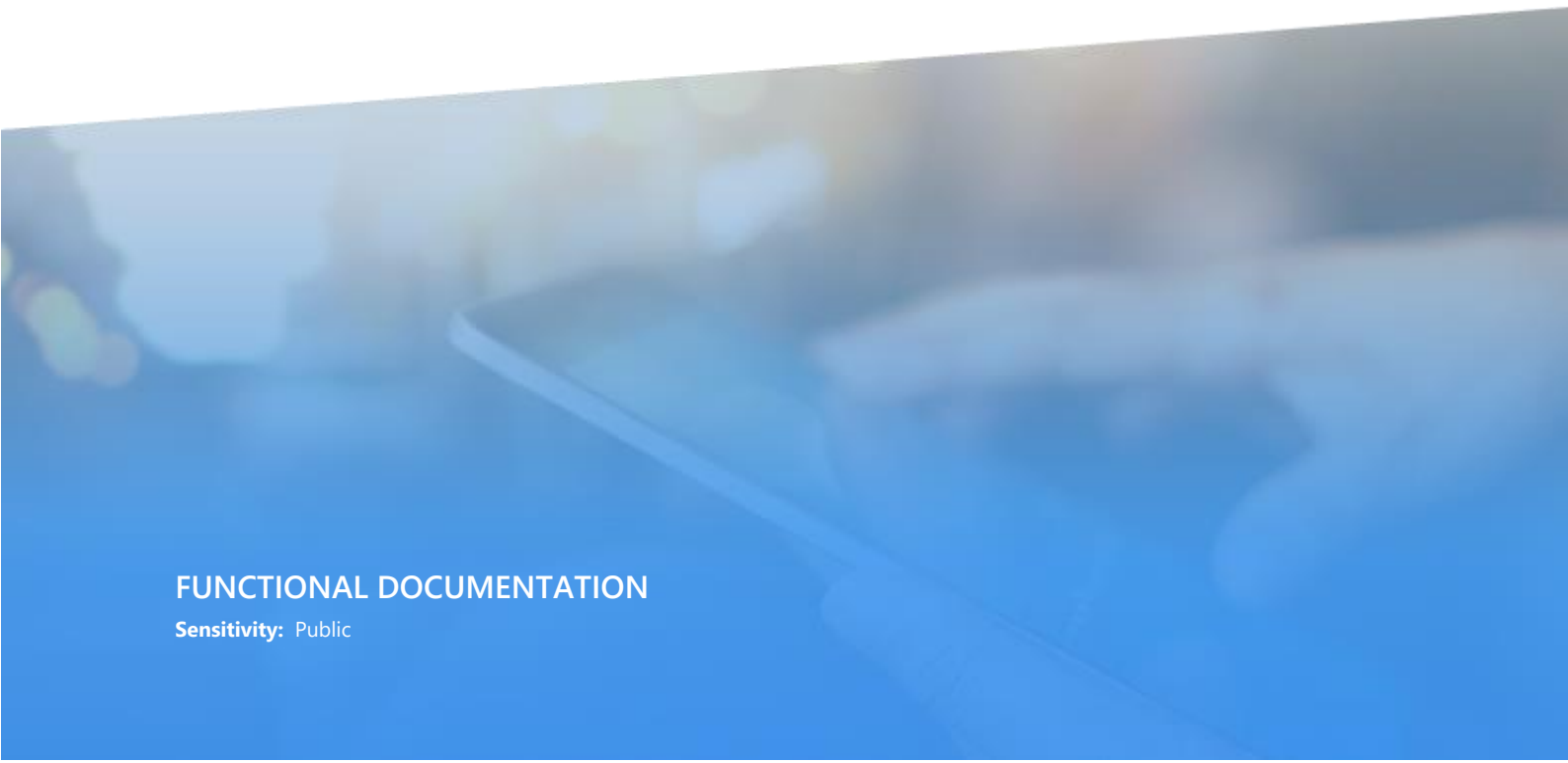
Neocase®

Neocase JS Framework

Reference Guide



FUNCTIONAL DOCUMENTATION

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Content

Document Version 2
1 | Introduction 3
2 | JavaScript in Neocase 4
2.1 | JS in Case Forms 4
2.2 | JS in BPMs 5
3 | Framework JavaScript Methods 7
3.1 | Section 7
3.1.1 | Display 7
3.2 | Field 7
3.2.1 | Get Field Information 7
3.2.2 | Display field 8
3.2.3 | Get field value 9
3.2.4 | Set field value 10
3.3 | Attachment 10
3.3.1 | Count 10
3.3.2 | isAttached 11

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1 | Introduction

Neocase JavaScript Framework is the library of JS methods for Back Office and Front Office forms to embed advanced business rules or controls in your processes.

Methods are available and are organized in the following main entities:

- Form - It contains objects and methods allowing to manage the interface. For instance, it is possible to hide or show a field, a section, remove the mandatory character of a field, paste a field value in another field, etc.
  For example, you will be able to calculate the end date of the trial period of a new employee.
  You will also be able to dynamically manage the display of input fields according to conditions (number of children, schools / diplomas, etc.).

- Case - Contains the properties and methods that allow to provide information about the case or to do actions on the case. For instance, it is possible to execute a rule, create a document, save the case, etc.

Note – All the methods of our JS framework are validated by our automated tests, which prevents any regression.

Note – If you already have JS code based on the old version of the JS framework, we strongly encourage you to migrate your code to this version.

Note – For further information, a training session is available. Please, contact us to participate.

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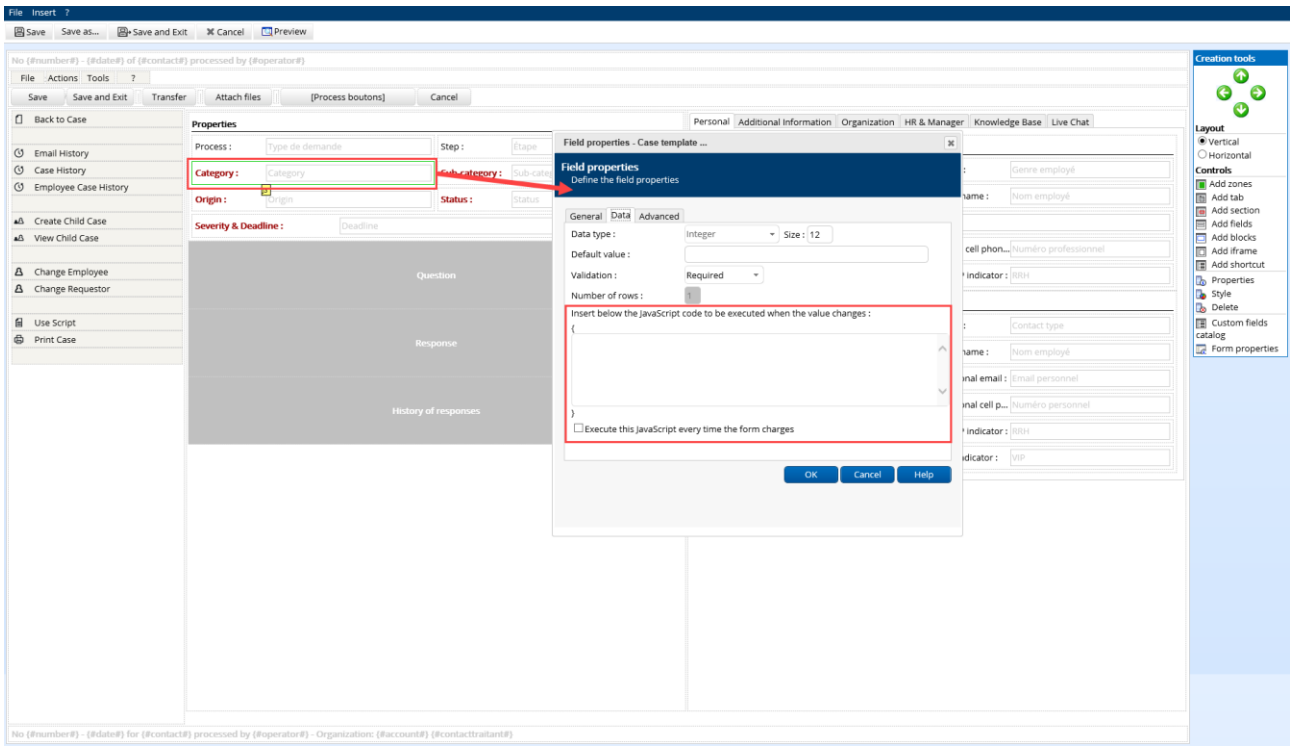
2 | JavaScript in Neocase

In Neocase, JavaScript can be added or modified in case forms and in manual events of BPMs.

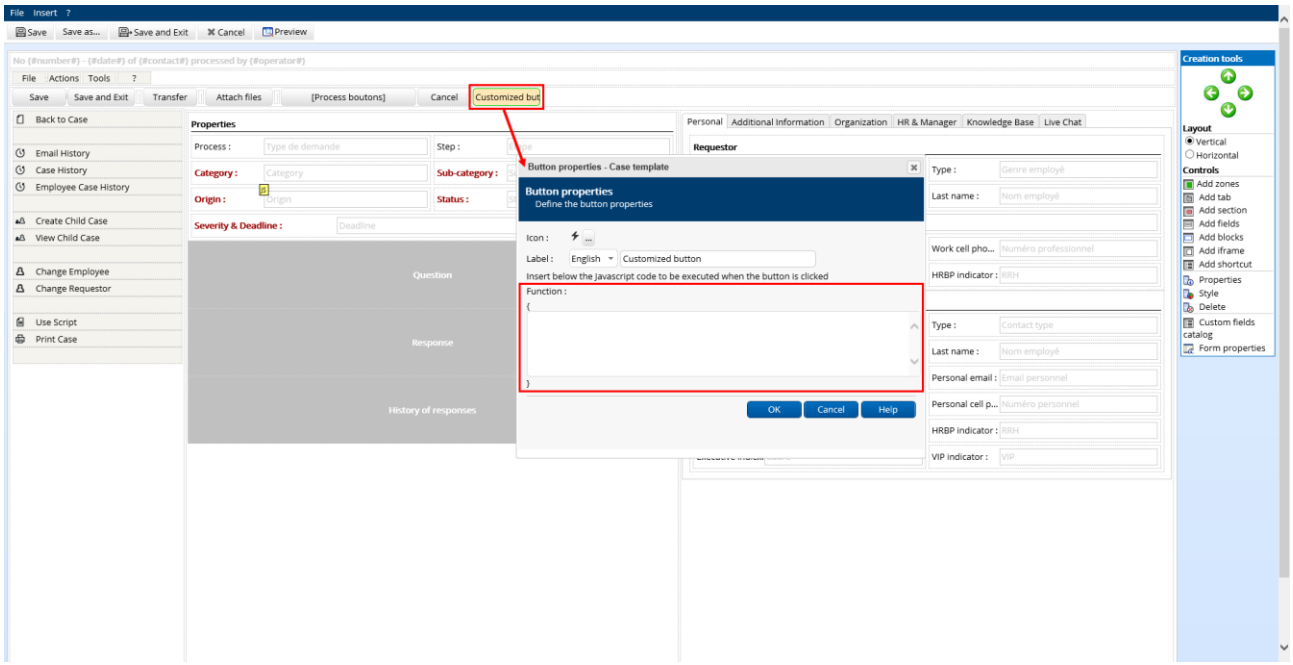
2.1 | JS in Case Forms

In a case form, you can modify JS in:

- Fields > Data tab:



- Buttons bar > Customized button:



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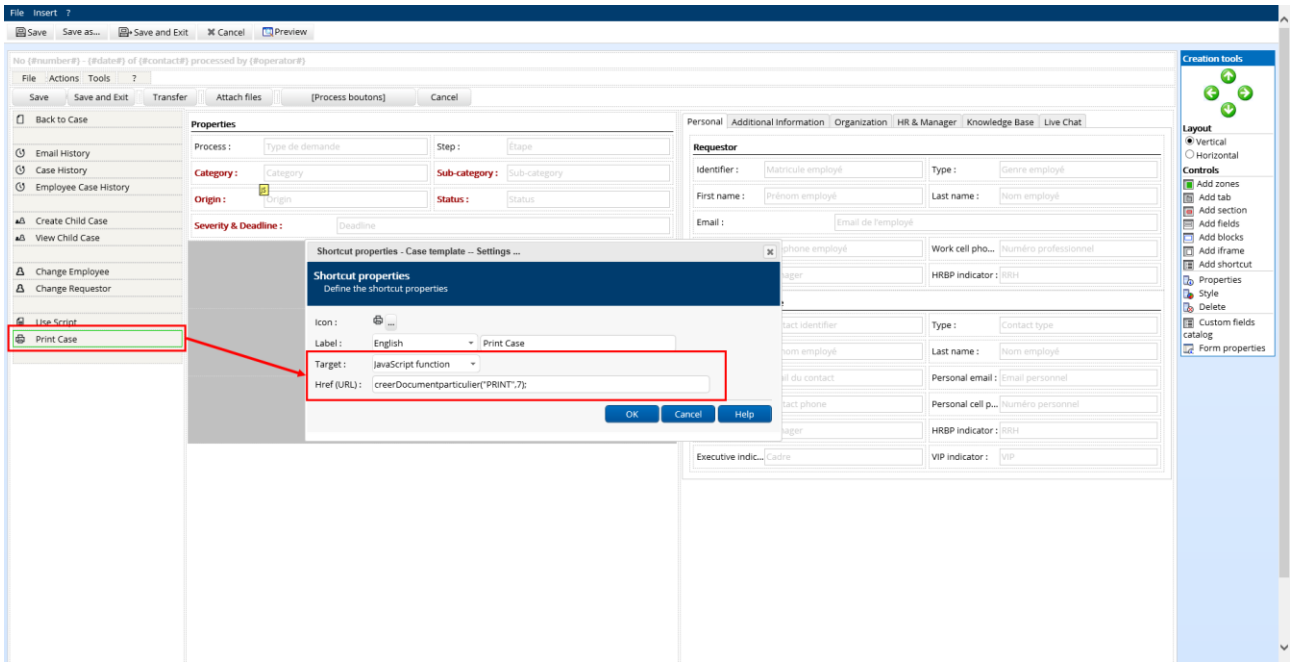
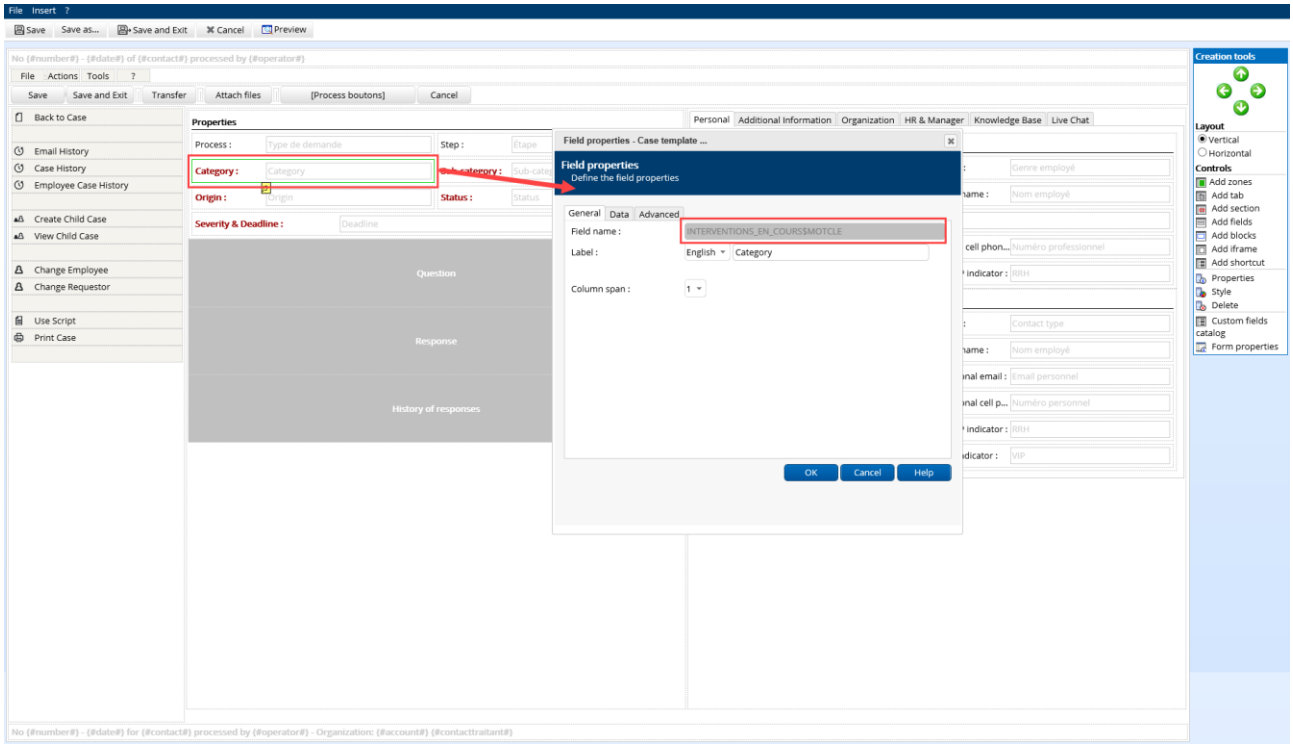
- Shortcut:



In the field's General tab > Field name, you can see the field catalog and its name:



2.2 | JS in BPMs

In a BPM, you can add JS in manual events:

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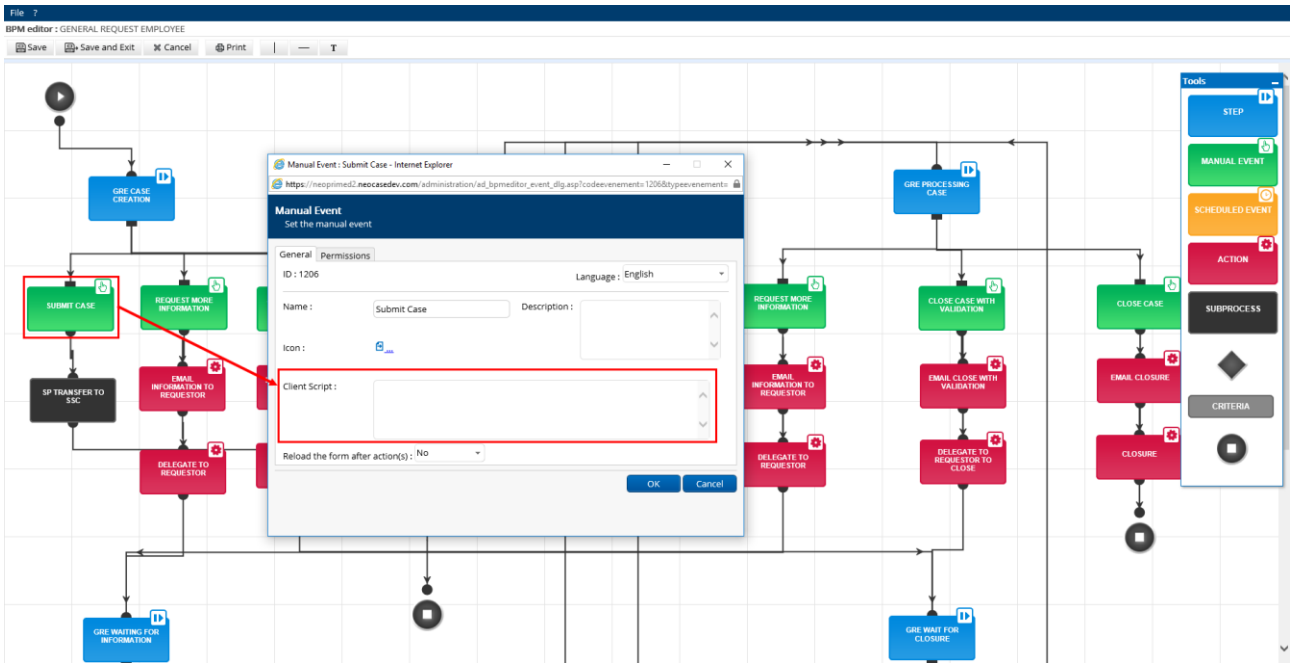

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3 | Framework JavaScript Methods

In Neocase, the following JavaScript methods can be added to customize a section, a field or an attachment:

3.1 | Section

A section enables to add custom fields.

3.1.1 | Display

hide

neocase.form.section(sectionName).hide() allows to hide a section and delete the mandatory character(s) present within the fields.

Example – neocase.form.section('section100').hide();

show

neocase.form.section(sectionName).show() allows to display a section and put back the mandatory character(s) present within the fields.

Example – neocase.form.section('section100').show();

3.2 | Field

Fields can be customized and associated to Organization or Employee entities.

3.2.1 | Get Field Information

isInitiallymandatory

neocase.form.field(fieldName).isInitiallymandatory() returns 'true' if a field is initially mandatory and 'false' if the field is initially not mandatory.

Example – neocase.form.field('INTERVENTIONS_EN_COURS$VALEUR1').isInitiallyMandatory();

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isMandatory

neocase.form.field(fieldName).isMandatory() returns 'true' if a field is mandatory and 'false' if the field is not mandatory.

Example – neocase.form.field('INTERVENTIONS_EN_COURS$VALEUR1').isMandatory();

isReadOnly

neocase.form.field(fieldName).isReadOnly() returns 'true' if a field is set as readonly and 'false' if the field is not readonly.

Example – neocase.form.field('INTERVENTIONS_EN_COURS$VALEUR1').isReadOnly();

isVisible

neocase.form.field(fieldName).isVisible() returns 'true' if a field is displayed and 'false' if the field is hidden.

Example – neocase.form.field('INTERVENTIONS_EN_COURS$VALEUR1').isVisible();

getFieldType

neocase.form.field(fieldName).getFieldType() returns the field type.

Example – neocase.form.field('INTERVENTIONS_EN_COURS$VALEUR1').getFieldType();

3.2.2 | Display field

hide

neocase.form.field(fieldName).hide() allows to hide a field and its label.

Example – neocase.form.field('INTERVENTIONS_EN_COURS$VALEUR1').hide();

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show

neocase.form.field(fieldName).show() allows to display a field and its label.

Example – neocase.form.field('INTERVENTIONS_EN_COURS$VALEUR1').show();

3.2.3 | Get field value

getDate

neocase.form.field(fieldName).getDate() allows to retrieve the date of a date type field in JavaScript format.

Example – neocase.form.field('INTERVENTIONS_EN_COURS$VALEUR1').getDate();

getNumber

neocase.form.field(fieldName).getNumber() allows to retrieve the field number in a format that can be calculated.

Example – neocase.form.field('INTERVENTIONS_EN_COURS$VALEUR1').getNumber();

getText

neocase.form.field(fieldName).getText() allows to retrieve the text of a list type field.

Example – neocase.form.field('INTERVENTIONS_EN_COURS$VALEUR1').getText();

getValue

neocase.form.field(fieldName).getValue() allows to retrieve the field value.

- text: text
- list: text
- checkbox: check/uncheck
- file: file name
- readonly: text

Example – neocase.form.field('INTERVENTIONS_EN_COURS$VALEUR1').getValue();

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3.2.4 | Set field value

copyValueTo

neocase.form.field(fieldName).copyValueTo(fieldName) allows to copy from a field value to another.

Example –
neocase.form.field('INTERVENTIONS_EN_COURS$VALEUR1').copyValueTo('INTERVENTIONS_EN_COUR S$VALEUR2');

setDate

neocase.form.field(fieldName).setDate(javascriptDate) allows to update a date field with a JavScript date.

Example – neocase.form.field('INTERVENTIONS_EN_COURS$VALEUR1').setDate(new Date("1995-12-17T03:24:00"));

setLink

neocase.form.field(fieldName).setLink(url) allows to add a clickable link into a field.

Example –
neocase.form.field('INTERVENTIONS_EN_COURS$VALEUR1').setLink('http://www.neocasesoftware.com','_blank','style-button');

setValue

neocase.form.field(fieldName).setValue(value) allows to update the field value.

Example –

```
//Set fieldName value
neocase.form.field('INTERVENTIONS_EN_COURS$VALEUR1').setValue('test');

//Empty fieldName value
neocase.form.field('INTERVENTIONS_EN_COURS$VALEUR1').setValue(null);
```

3.3 | Attachment

3.3.1 | Count

neocase.form.attachment.count() returns the number of files attached to the form.

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3.3.2 | isAttached

neocase.form.attachment.isAttached(regExp) allows to know if a file is attached to the form. Takes the regular search expression parameter.

Example – if(!neocase.form.attachment.isAttached("^.*\.(jpg|gif|doc|pdf)$"))
alert('Accepted file type: jpg, gif, doc, pdf');

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