

# Calc: JavaScript

Executing Javascripts client AND serverside

NOTE: **This feature is currently BETA, and features are subject to change.**

## Properties

- Type: Complex
- Groupable: No
- Show in lists: No
- Searchable: No

## User interface

Due to its nature this field has no special show or edit mode.

## Configuration

This field requires configuration before deployment.

[INSERT IMAGE]

Edit the values using "Manual edit" feature

Required:

- Functional JavaScript (Configuration1)

## Help for syntax

The API currently supports the following language features

- All standard functions from JavaScript
  - Librarys like Math
- Support for basic TS form functions
  - `getValue( variable )`

- setValue( variable, valueToAssign )
- **Unsupported** features include
  - JQuery commands (clientside only)
  - JavaScript IO functions like **alert** and **input**
  - JavaScript DOM objects like **window** and **document**

## Important notice

Some field values are represented differently server and client side, namely date and decimal values

Field	Client side example	Server side format
Date	31/1/2014	2014-01-31
Decimal	1,23	1.234

Future versions will include these methods callable server and clientside

- getValueDate( fieldname )
- getValueDecimal( fieldname )
- getDateFromString( string )
- getDecimalFromString( string )

## Example

```
if( getValue('NUMBER2') > 1000 )
  setValue('NUMBER1', Math.round( 100 * Math.random() ) );
```

# Developer info

- FeltTypeID: 83
- SQL datatype: N/A
- Class name: FieldJavaScripting

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