

Edit an Expression

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Create or edit a workflow expression using workflow data, metadata, and a set of functions. You can use this expression to create a business rule, default value, message recipient, and more.

Expression Editor

Use the panel below to build your expression (or type it manually) using fields and functions.

```
{act.ActivityAlias} in process #{ wf.WorkflowInstancelid }
```

+ - * / () AND OR NOT = > >= <> < <= NULL

Fields

- ▶ <> (metadata)
- ▶ End
- ▶ Form1
- ▶ Form2
- ▶ Sharing1
- ▶ Start
- ▶ StopSharing1
- ▶ StopSharing2

Functions

- ▶ Convert
- ▶ Date & Time
- ▶ JSON
- ▶ Mathematic
- ▶ Mathematic Advanced
- ▶ String
- ▶ Users & Groups
- ▶ XPath

Clear

Validate

OK

Cancel

Expression Functions

There are several function options for building expressions.

Expression Functions

Function	Description
Convert	Convert a result to one of several formats, such as <i>ToBoolean</i> , <i>ToByte</i> , <i>ToSingle</i> , <i>ToString</i> , among others.
Date & Time	Date operations, such as <i>CalendarDateAdd</i> , <i>DateAdd</i> , <i>ToUserDate</i> , among others.
JSON	Return a JSON value, which you can further manipulate to return a <i>JsonValue</i> .

Function	Description
Mathematic	Mathematical functions to add to the expression, such as <i>Max</i> , <i>Min</i> , <i>Ceiling</i> , among others.
Mathematic Advanced	Advanced mathematical operations, such as <i>Cos</i> , <i>Exp</i> , <i>Log</i> , among others.
String	String operations, such as <i>EndsWith</i> , <i>IndexOf</i> , <i>Replace</i> , among others.
Users & Groups	These functions return user and group objects, based on user and group ID. The <i>MemberOf</i> function returns the list of groups that a user belongs to, based on user ID. These functions are useful in the Sharing Activity wizard and Recipients wizard.
XPath	Enables you to retrieve elements and values from XML data. Use <i>XPathSelectElement</i> or <i>XPathSelectElements</i> to retrieve a full element or elements, respectively. Use <i>XPathSelectValue</i> to retrieve an element's value.

Expression Formats

You can use the following formats to build expressions.

Expression Formats

Format	Example
Object Expression	<code>rt.CurrentUser.UserId == 10</code>
String Expression	<code>Hello { rt.CurrentUser.DisplayName }</code>
HTML/XML	<code>Hello { rt.CurrentUser.DisplayName }</code>