# **Home Menu > Operations**

The creation or modification screens are similar, they list all the properties of the function. In the case of a standard function, the properties can be viewed, but not modified.

The easiest way to write a function is to duplicate a standard function and adapt it.

	Enter an operation
Operation type	×
Operation name	
Outcoming type	v
Parameters type	
Add Change Delete	
Symbol	
Description	
Display	
Add Change Delete	
OK	Cancel

# **Types of Operation**

- Manipulation of character strings, e.g. replacing a character.
- Manipulation of date, for example adding a number of days.
- Manipulation of numeric data, e.g. obtaining the absolute value of a number.
- Conversion operation, e.g. IfThenElse.
- Grouping operation, for example, the average.

# **Operation name**

# **Returned Type**

- String of Character
- Digital
- Date

Some operations (for example, grouping operations) can return different types of data depending on

Last update: 2020/07/22 en:v8\_0\_0:opmanage:menus:accueil:operation https://vigilens.wiki/dokuwiki/doku.php?id=en:v8\_0\_0:opmanage:menus:accueil:operation&rev=1595410724 11:38

the type of parameters given to them. For example:

- Min( <Date> )  $\Rightarrow$  <Date>
- Min( <Digital> )  $\Rightarrow$  Digital

This can be done by defining a returned type identical to the first or last parameter entered.

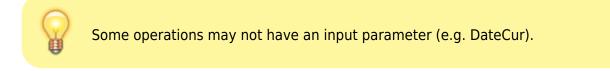
### **Parameter type**

Add	Change	Delete	Parameter	x
Symbol Description Display			String Number Date Any type	
Add	Change	Delete	OK Cancel	

There is no limitation on the number of parameters. Each parameter can be of 3 types:

- 1. String of characters
- 2. Digital Numérique
- 3. Date

Some operations can use different types of parameters (e.g. grouping operations). In this case, it is possible to specify that the parameter in question can correspond to "Any type".



# Symbol

This is the operation ID, as you will see it in Designer when you add an operation in the report.

#### Description

Appears alongside the operation ID when adding an operation.

# Preview

The preview is used (for example) in the query summary to display the operation and the parameters it uses. The preview can contain sequences of 3 # (###) which will be replaced by the contents of the parameters (in the order in which they were entered at the operation definition level).

#### 2025/08/02 13:54

### Syntax

For each operation, it is possible to define syntaxes for several types of databases.

When creating a query, the user only sees the operations that have a syntax for the database used by the query.

If the syntax is the same for all database types, it is possible to define it only once by selecting Common to all databases.

Add Change Delete	mmon to all databases [Param		
Ajouter Modifier Supprimer	Base de données Oracle 8 et inférieure Base de données Oracle 9 et supérieure Base de données SQL Server Fichiers Texte	LENGTH([Param1]) LENGTH([Param1]) LEN([Param1]) Len([Param1])	×

By selecting a syntax line and then clicking on Modify..., you open the input screen itself.

Add	Change Delete
	Syntax
7191	Common to all databases DB2/400 database DB2/Windows database MS Access database MS SQL Server database MySQL database Oracle database 9 and greater Oracle Database version 8 and lower Tout files
	Param. OK Cancel

Each input parameter of the operation is referenced by a sequence of 3 # (###) followed by the order of appearance of the parameter in the list of input parameters (Ex: ###1, ###2, etc...).

A parameter can appear several times in a syntax.

#### User file update

Last update: 2020/07/22 en:v8\_0\_0:opmanage:menus:accueil:operation https://vigilens.wiki/dokuwiki/doku.php?id=en:v8\_0\_0:opmanage:menus:accueil:operation&rev=1595410724 11:38

7				
OPManage				
OPMANAGE Home				
Save File	Paste Cort Cancel Edit Operations			
<ul> <li>Operation type</li> </ul>	Name			
Convert function	IfThen			
Convert function	lfThen<			
Convert function	lfThen<=			
Convert function	lfThen<=>			
Convert function	IfThen<>			
Convert function	lfThen>			
Convert function	lfThen>=			
Convert function	lfThenDiff			
Convert function	IfThenIsNull			
Convert function	JDEConversionUOM			
Convert function	NumToString			
Convert function	ReplaceNull			
Convert function	StringToNum			
Data function	AddDave			

Changes to functions are saved in a temporary file. They will be visible in Vigilens only after having updated the user file ("File \Update user file" menu).

From: https://vigilens.wiki/dokuwiki/ - Vigilens Reporting Knowledge Garden

Permanent link: https://vigilens.wiki/dokuwiki/doku.php?id=en:v8\_0\_0:opmanage:menus:accueil:operation&rev=1595410724



Last update: 2020/07/22 11:38