

Managing Parameters

When you select an [element](#) on the [Scene](#) the [Property Editor](#) displays detailed information about it: it's name, description, parameters, [input](#) and [output](#) ports, etc. To change the name of the element displayed on the Scene edit the *Element name* value.

All the parameters available for the element are displayed in the *Parameters* area. Some parameters must have a value, they are displayed in bold. Notice, that when you select a parameter, its description is shown below. To modify a value click on it. Depending on the parameter's type you may be required to either input a value or browse for a file(s). Also you can configure slots of a connected input port by selecting different (matching) data available through the dataflow. More advanced users can use their own scripts to set a parameter's value, read chapter [Using Script to Set Parameter Value](#) to learn more. The image below shows the *Property Editor*:

The screenshot shows the UGENE Property Editor for the 'Align with ClustalW' element. The workflow on the left includes 'Read Alignment', 'Multiple sequence alignment', 'Align with ClustalW', 'ClustalW result MSA', and 'Write Alignment'. The right panel is divided into three sections:

- Parameters:** A table listing various parameters and their values.

Name	Value
Gap open penalty	53.90
Gap extension penalty	8.52
Gap distance	4.42
End gaps	False
Residue-specific gaps off	False
Hydrophilic gaps off	False
Iteration type	None
Number of iterations	3
Weight matrix	default
Tool path	Default
Temporary directory	Default
- Input data:** A dropdown menu for the 'MSA' slot, showing 'MSA (by Read Alignment)' as the selected option.
- Output data:** A list of output slots including 'MSA (by Align with ClustalW)', 'Dataset name (by Read Alignment)', 'MSA (by Read Alignment)', and 'Source URL (by Read Alignment)'.
- Description:** A text box stating 'The input slot **MSA** is bound to the bus slot **MSA (by Read Alignment)**'.

Red arrows from the text labels point to the following elements:

- Element parameters:** Points to the 'Parameters' table.
- Port's and slot's parameters:** Points to the 'Input data' dropdown.
- Description:** Points to the 'Description' text box.

For [Data Readers](#) you can manipulate with file(s) or directory(ies) with a help of dataset(s):

The screenshot shows the 'Parameters' panel for 'Dataset 1'. It includes a toolbar with icons for adding files, directories, and datasets, as well as up/down/delete buttons. Red arrows and labels explain the functions:

- Up, down, delete:** Points to the up/down/delete buttons.
- Add dataset:** Points to the green plus icon.
- Add files(s):** Points to the folder icon.
- Add data from shared databases:** Points to the database icon.
- Add directory:** Points to the folder icon.

Also, to remove files from dataset you can select it and press the *Delete* button.

For [Data Writers](#), if the *Output file* parameter is empty, UGENE will generate output files names automatically. You can use the *Output file suffix* parameter to manipulate it.