

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 software interface. On the left, a workflow is visible with the following steps: **Read Alignment** (Reads MSA(s) from *unset*), **Multiple sequence alignment** (yellow box), **Align with ClustalW** (Aligns each MSA supplied with "ClustalW"), **ClustalW result MSA** (yellow box), and **Write Alignment** (Save all MSAs from *Align with ClustalW* to *unset*). On the right, the **Property Editor** is open for the **Align with ClustalW** element. It contains three main sections:
1. **Parameters**: A table with columns 'Name' and 'Value'. Parameters include '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), and 'Temporary directory' (Default).
2. **Input data**: Shows the 'MSA' slot is set to 'MSA (by Read Alignment)'.
3. **Output data**: Lists 'MSA (by Align with ClustalW)', 'Dataset name (by Read Alignment)', 'MSA (by Read Alignment)', and 'Source URL (by Read Alignment)'.
Below these sections, a description states: 'The input slot **MSA** is bound to the bus slot **MSA (by Read Alignment)**'.
Red arrows from labels point to specific features:
- 'Element parameters' points to the Parameters table.
- 'Port's and slot's parameters' points to the Input data section.
- 'Description' points to the description box at the bottom right.

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

This close-up shows the 'Dataset 1' management area. It includes a title bar with a close button (X) and a list of datasets. Below the list are several icons: a folder icon, a database icon, a file icon, and a plus icon. Red arrows and labels explain these icons:
- 'Up, down, delete' points to the up, down, and delete icons.
- 'Add dataset' points to the 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 file 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.