

# Write NGS Reads Assembly Element

The element gets message(s) with assembled reads data and saves the data to the specified file(s) in one of the appropriate formats (SAM, BAM, or UGENEDB).

Element type: write-assembly

## Parameters

Parameter	Description	Default value	Parameter in Workflow File	Type
Data storage	Place to store workflow results: local file system or a database.		data-storage	string
Document format	Document format of the output file.	bam	document-format	string
Build index (BAM only)	Build BAM index for the target BAM file. The file .bai will be created in the same directory.	True	build-index	boolean
Output file	Location of output data file. If this attribute is set, slot "Location" in port will not be used.		out-url	string
Output file suffix	This suffix will be used for generating the output file name.		url-suffix	string
Existing file	If a target file already exists, you can specify how it should be handled: either overwritten, renamed or appended (if supported by file format). If Rename option is chosen existing file will be renamed.	Rename	write-mode	numeric

## Input/Output Ports

The element has 1 *input port*:

Name in GUI: *Assembly*

Name in Workflow File: in-assembly

Slots:

Slot In GUI	Slot in Workflow File	Type
Assembly data	assembly	assembly
Location	url	string