

Write Sequence Element

Writes all supplied sequences to file(s) in selected format.

Parameters in GUI

| Parameter | Description | Default value |
|---------------------------|--|---------------|
| Data storage | Place to store workflow results: local file system or a database. | |
| Output file | Location of the output data file. If this attribute is set, then the "Location" slot is not taken into account. | |
| Output file suffix | This suffix will be used for generating the output file name. | |
| 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). | Rename |
| Document format | Format of the output file. | fasta |
| Accumulate objects | Accumulates all incoming data in one file or creates separate files for each input. In the latter case, an incremental numerical suffix is added to a file name. | True |
| Split sequence | Split each incoming sequence on several parts. | 1 |

Parameters in Workflow File

Type: write-sequence

| Parameter | Parameter in the GUI | Type |
|------------------------|---------------------------|---|
| data-storage | Data storage | <i>string</i> |
| url-out | Output file | <i>string</i> |
| url-suffix | Output file suffix | <i>string</i> |
| write-mode | Existing file | <i>numeric</i> Available values are: <ul style="list-style-type: none">• 0 - for overwrite• 1 - for append• 2 - for rename |
| document-format | Document format | <i>string</i> Available values are: <ul style="list-style-type: none">• fasta• fastq• genbank• raw |
| accumulate | Accumulate objects | <i>boolean</i> |
| split | Split sequence | <i>numeric</i> |

Input/Output Ports

The element has 1 *input port*.

Name in GUI: *Sequence*

Name in Workflow File: in-sequence

Slots:

| Slot In GUI | Slot in Workflow File | Type |
|---------------------------|-----------------------|------------------------------|
| Sequence | sequence | <i>sequence</i> |
| Location | url | <i>string</i> |
| Set of annotations | annotations | <i>annotation-table-list</i> |