

# UGENE Command Line Interface

UGENE command line interface (CLI) was developed keeping in mind the following principles:

- To make it as easy as popular shell commands.
- To include all significant UGENE features.
- To allow users to add their own commands.

To use UGENE CLI make sure to add the path to the UGENE executable to your **%PATH%** environment variable.

The general syntax is the following:

```
ugene [--task=]task_name] [--task_parameter=value ...] [-task_parameter value ...] [--option[=value]] [-option [ value]]
```

Here:

**task\_name** — task to execute, it can be one of the [predefined tasks](#) or [a task you have created](#).

**task\_parameter** — parameter of the specified task. Some parameters of a task are required, like *in* and *out* parameters of some tasks.

**option** — one of the [CLI options](#).

See the example below:

```
ugene align --in=COI.aln -out result.aln -log-level-details
```

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