

# What command line options does SLIC support

This is the output from the `slic -h` command, which prints the usage.

```
*****
* SLIC Usage *
*****  
  
Command line usage:  
  
slic [single_macro_path]  
slic [options]  
  
Interactive usage:  
  
slic -n  
  
*****
* Command Line Options *
*****  
  


| Option | Full Name      | Macro Command           | Description                                         |
|--------|----------------|-------------------------|-----------------------------------------------------|
| -h     | --help         | /slic/usage             | Print SLIC usage.                                   |
| -?     | --help         | /slic/usage             | Print SLIC usage.                                   |
| -n     | --interactive  | /control/interactive    | Start a Geant4 interactive session.                 |
| -v     | --version      | /slic/version           | Print SLIC version.                                 |
| -m     | --macro        | /control/execute        | Execute Geant4 commands from a file.                |
| -g     | --lcdd-url     | /lcdd/url               | Set LCDD geometry file URL.                         |
| -i     | --event-file   | /generator/filename     | Set event input file full path.                     |
| -o     | --lcio-file    | /lcio/filename          | Set name of LCIO output file.                       |
| -p     | --lcio-path    | /lcio/path              | Set directory for LCIO output.                      |
| -o     | --autoname     | /lcio/autoname          | Automatically name the LCIO output file.            |
| -x     | --lcio-delete  | /lcio/fileExists delete | Delete an existing LCIO file.                       |
| -r     | --run-events   | /run/beamOn             | Run # of events.                                    |
| -s     | --skip-events  | /generator/skipEvents   | Set number of events to skip.                       |
| -l     | --physics-list | /physics/select         | Set Geant4 physics list.                            |
| -L     | --log-file     | /log/filename           | Set logfile name.                                   |
| -d     | --seed         | /random/seed            | Set the random seed. (No argument seeds with time.) |
| -G     | --dump-gdml    | /lcdd/dumpGDML          | Dump geometry to GDML file.                         |


```

The short and long versions of the option are shown in the **Option** and **Full Name** columns. The corresponding Geant4 macro command is listed, followed by a brief description of the command.