

Sure! Here is the command-line based general assembler usage information formatted in Markdown:

General-Assembler

Two-pass command line based general assembler. Clone the repo and run **make** on the command line to compile and add **GenA** to your bin.

Usage

gena [options]

Options

- **-f, --file <main file path>**
Specify the main file path (required).
- **-i, --isa <ISA file path>**
Specify the ISA file path (required).
- **-o, --output <output file>**
Specify the output file path (optional).
- **-t, --list**
Produce a listing file.
- **-l, --log**
Log all output to **gena.log** in the current directory.
- **-v, --verbose**
Output all information to the terminal.
- **-h, --help**
Display this help message and exit.
- **-r, --version**
Display the version information and exit.

Notes

- The **--output** flag is optional. If not specified, the default output file will be **output_gena.HEX** in the working directory.
- Both **--file** and **--isa** flags must be used with valid paths.
- Both **--log** and **--verbose** flags cannot be used simultaneously.

Feel free to customize further if needed!