

Assembler Documentation

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1 Overview

This documentation details the workings and available instructions of the Assembler available at <https://github.com/OxGREG/Assembler>.

2 Running Assembler

USAGE:

```
./assembler.py [OPTIONS..]
```

OPTIONS:

```
-i: fileName specify the input file
-o: fileName specify the output file
-e: little/big specify endianness of the output
-h, --help: show this help message and exit
-v, --verbose: increase the number of debugging info
-f: generated file type
```

SUPPORTED OUTPUT FILE TYPES:

```
bin - just a plain unmodified file
elf - create headers to make it executable (currently just minimum headers with
      fixed addresses so that it just runs)
```

3 Documentation

3.1 Special Labels

`.start` - specifies the entry point of the program