

MRF Compiler Reference Manual

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1 Introduction

This reference manual provides complete documentation for the MRF Compiler, including command-line options, input formats, API reference, and framework-specific details.

2 Command-Line Interface

2.1 Basic Usage

```
./mrf_compiler [options] [input_file] [output_file]
```

2.2 Options

Option	Description
-f, --framework	Specify output framework (qasm, qiskit, cirq, pennylane, qsharp, braket, qulacs, tfq)
-a, --all	Export to all supported frameworks
-h, --help	Display help message

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