

NAME

`llvm-as` - LLVM assembler

SYNOPSIS

`llvm-as` [*options*] [*filename*]

DESCRIPTION

`llvm-as` is the LLVM assembler. It reads a file containing human-readable LLVM assembly language, translates it to LLVM bitcode, and writes the result into a file or to standard output.

If *filename* is omitted or is `-`, then `llvm-as` reads its input from standard input.

If an output file is not specified with the `-o` option, then `llvm-as` sends its output to a file or standard output by following these rules:

- ⊕ If the input is standard input, then the output is standard output.
- ⊕ If the input is a file that ends with `.ll`, then the output file is of the same name, except that the suffix is changed to `.bc`.
- ⊕ If the input is a file that does not end with the `.ll` suffix, then the output file has the same name as the input file, except that the `.bc` suffix is appended.

OPTIONS

`-f` Enable binary output on terminals. Normally, `llvm-as` will refuse to write raw bitcode output if the output stream is a terminal. With this option, `llvm-as` will write raw bitcode regardless of the output device.

-help

Print a summary of command line options.

-o filename

Specify the output file name. If *filename* is `-`, then `llvm-as` sends its output to standard output.

EXIT STATUS

If `llvm-as` succeeds, it will exit with 0. Otherwise, if an error occurs, it will exit with a non-zero value.

SEE ALSO

`llvm-dis(1)`, `as(1)`

AUTHOR

Maintained by the LLVM Team (<https://llvm.org/>).

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