

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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