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, gccas

AUTHORS

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