

NAME

llvm-strings - print strings

SYNOPSIS

llvm-strings [*options*] [*input...*]

DESCRIPTION

llvm-strings is a tool intended as a drop-in replacement for GNU's **strings**, which looks for printable strings in files and writes them to the standard output stream. A printable string is any sequence of four (by default) or more printable ASCII characters. The end of the file, or any other byte, terminates the current sequence.

llvm-strings looks for strings in each **input** file specified. Unlike GNU **strings** it looks in the entire input file, regardless of file format, rather than restricting the search to certain sections of object files. If "-" is specified as an **input**, or no **input** is specified, the program reads from the standard input stream.

EXAMPLE

```
$ cat input.txt
bars
foo
wibble blob
$ llvm-strings input.txt
bars
wibble blob
```

OPTIONS**--all, -a**

Silently ignored. Present for GNU **strings** compatibility.

--bytes=<length>, -n

Set the minimum number of printable ASCII characters required for a sequence of bytes to be considered a string. The default value is 4.

--help, -h

Display a summary of command line options.

--print-file-name, -f

Display the name of the containing file before each string.

Example:

```
$ llvm-strings --print-file-name test.o test.elf
test.o: _Z5hellov
test.o: some_bss
test.o: test.cpp
test.o: main
test.elf: test.cpp
test.elf: test2.cpp
test.elf: _Z5hellov
test.elf: main
test.elf: some_bss
```

--radix=<radix>, -t

Display the offset within the file of each string, before the string and using the specified radix. Valid <radix> values are **o**, **d** and **x** for octal, decimal and hexadecimal respectively.

Example:

```
$ llvm-strings --radix=o test.o
1054 _Z5hellov
1066 .rela.text
1101 .comment
1112 some_bss
1123 .bss
1130 test.cpp
1141 main
$ llvm-strings --radix=d test.o
556 _Z5hellov
566 .rela.text
577 .comment
586 some_bss
595 .bss
600 test.cpp
609 main
$ llvm-strings -t x test.o
22c _Z5hellov
236 .rela.text
```

241 .comment
24a some_bss
253 .bss
258 test.cpp
261 main

--version

Display the version of the **llvm-strings** executable.

@<FILE>

Read command-line options from response file **<FILE>**.

EXIT STATUS

llvm-strings exits with a non-zero exit code if there is an error. Otherwise, it exits with code 0.

BUGS

To report bugs, please visit <https://github.com/llvm/llvm-project/labels/tools:llvm-strings/>.

AUTHOR

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

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