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# 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.

--help-list ¶

Display an uncategorized summary of command line options.

--print-file-name, -f ¶

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### Quick search

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 <<http://llvm.org/bugs/>>.

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