

**NAME**

llvm-install-name-tool - LLVM tool for manipulating install-names and rpaths

**SYNOPSIS**

**llvm-install-name-tool** [*options*] *input*

**DESCRIPTION**

**llvm-install-name-tool** is a tool to manipulate dynamic shared library install names and rpaths listed in a Mach-O binary.

For most scenarios, it works as a drop-in replacement for Apple's **install\_name\_tool**.

**OPTIONS**

At least one of the following options are required, and some options can be combined with other options. Options *-add\_rpath*, *-delete\_rpath*, and *-rpath* can be combined in an invocation only if they do not share the same *<rpath>* value.

**-add\_rpath <rpath>**

Add an rpath named *<rpath>* to the specified binary. Can be specified multiple times to add multiple rpaths. Throws an error if *<rpath>* is already listed in the binary.

**-change <old\_install\_name> <new\_install\_name>**

Change an install name *<old\_install\_name>* to *<new\_install\_name>* in the specified binary. Can be specified multiple times to change multiple dependent shared library install names. Option is ignored if *<old\_install\_name>* is not listed in the specified binary.

**-delete\_rpath <rpath>**

Delete an rpath named *<rpath>* from the specified binary. Can be specified multiple times to delete multiple rpaths. Throws an error if *<rpath>* is not listed in the binary.

**-delete\_all\_rpaths**

Deletes all rpaths from the binary.

**--help, -h**

Print a summary of command line options.

**-id <name>**

Change shared library's identification name under LC\_ID\_DYLIB to *<name>* in the specified binary. If specified multiple times, only the last *-id* option is selected. Option is ignored if the specified Mach-O binary is not a dynamic shared library.

**-rpath <old\_rpath> <new\_rpath>**

Change an rpath named **<old\_rpath>** to **<new\_rpath>** in the specified binary. Can be specified multiple times to change multiple rpaths. Throws an error if **<old\_rpath>** is not listed in the binary or **<new\_rpath>** is already listed in the binary.

**--version, -V**

Display the version of the **llvm-install-name-tool** executable.

**EXIT STATUS**

**llvm-install-name-tool** 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-objcopy/strip/>](https://github.com/llvm/llvm-project/labels/tools:llvm-objcopy/strip/).

**SEE ALSO**

**llvm-objcopy(1)**

**AUTHOR**

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

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