

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/>>.

SEE ALSO

llvm-objcopy(1)

AUTHOR

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

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