



Linux Ubuntu 26.04 Manual Pages on command 'makedefs.1'

\$ man makedefs.1

MAKEDEFS(1)

General Commands Manual

MAKEDEFS(1)

NAME

makedefs - Postfix makefile configuration utility

SYNOPSIS

make makefiles name=value...

DESCRIPTION

The `makedefs` command identifies the compilation environment, and emits macro definitions on the standard output stream that can be prepended to template Makefiles. These macros implement an internal interface and are subject to change without notice.

NAME=VALUE OVERRIDES

Default settings can be overruled by specifying them as environment variables (or as `name=value` pairs on the "make" command line). Use quotes if variables contain whitespace or shell meta characters.

The command "`make makefiles name=value...`" will replace the string `MAIL_VERSION` at the end of a value with the Postfix version (major.minor.patchlevel for a stable release, major.minor-date for a development release). Do not try to specify something like `$mail_version`: that produces inconsistent results with different implementations of the `make(1)` command.

`AUXLIBS=object_library...`

Specifies one or more non-default object libraries. Postfix 3.0 and later specify some of their database library dependencies with `AUXLIBS_CDB`, `AUXLIBS_LDAP`, `AUXLIBS_LMDB`, `AUXLIBS_MONGODB`, `AUXLIBS_MYSQL`, `AUXLIBS_PCRE`, `AUXLIBS_PGSQL`, `AUXLIBS_SDBM`, and `AUXLIBS_SQLITE`, respectively.

`CC=compiler_command`

Specifies a non-default compiler. On many systems, the default is gcc.

CCARGS=compiler_arguments

Specifies non-default compiler arguments, for example, a non-default include directory. The following directives are special:

-DNO_CLOSEFROM

Do not use the system closefrom() implementation.

-DNO_DB

Do not build with Berkeley DB support.

-DNO_DEVPOLL

Do not build with Solaris /dev/poll support. By default, /dev/poll support is compiled in on platforms that are known to support it.

-DNO_DNSSEC

Do not build with DNSSEC support, even if the resolver library appears to support it.

-DNO_EPOLL

Do not build with Linux EPOLL support. By default, EPOLL support is compiled in on platforms that are known to support it.

-DNO_EAI

Do not build with EAI (SMTPUTF8) support. By default, EAI support is compiled in when the "pkgconf" or "pkg-config" command are found, or the deprecated "icu-config" command.

-DNO_INLINE

Do not require support for C99 "inline" functions. Instead, implement argument typechecks for non-(printf/scanf)-like functions with ternary operators and unreachable code.

-DNO_IPV6

Do not build with IPv6 support. By default, IPv6 support is compiled in on platforms that are known to have IPv6 support.

Note: this directive is for debugging and testing only. It is not guaranteed to work on all platforms. If you don't want IPv6 support, set "inet_protocols = ipv4" in main.cf.

-DNO_IP_CYRUS_SASL_AUTH

Don't pass remote SMTP client and Postfix SMTP server IP address and port in?

formation to the Cyrus SASL library. This is compatible with Postfix < 3.2.

`-DNO_KQUEUE`

Do not build with FreeBSD/NetBSD/OpenBSD/MacOSX KQUEUE support. By default, KQUEUE support is compiled in on platforms that are known to support it.

`-DNO_NIS`

Do not build with NIS or NISPLUS support. Support for NIS is unavailable on some recent Linux distributions.

`-DNO_NISPLUS`

Do not build with NISPLUS support. Support for NISPLUS is unavailable on some recent Solaris distributions.

`-DNO_PCRE`

Do not build with PCRE support. By default, PCRE support is compiled in when the `pcr2-config` or `pcr-config` utility are installed.

`-DNO_POSIX_GETPW_R`

Disable support for POSIX `getpwnam_r/getpwuid_r`.

`-DNO_RES_NCALLS`

Do not build with the threadsafe resolver(5) API (`res_ninit()` etc.).

`-DNO_SIGSETJMP`

Use `setjmp()/longjmp()` instead of `sigsetjmp()/siglongjmp()`. By default, Postfix uses `sigsetjmp()/siglongjmp()` when they appear to work.

`-DNO_SNPRINTF`

Use `sprintf()` instead of `snprintf()`. By default, Postfix uses `snprintf()` except on ancient systems.

`DEBUG=debug_level`

Specifies a non-default debugging level. The default is `-g`. Specify `DEBUG=` to turn off debugging.

`OPT=optimization_level`

Specifies a non-default optimization level. The default is `-O`. Specify `OPT=` to turn off optimization.

`POSTFIX_INSTALL_OPTS=-option...`

Specifies options for the `postfix-install` command, separated by whitespace. Currently, the only supported option is `-keep-build-mtime`.

`SHLIB_CFLAGS=flags`

Override the compiler flags (typically, "-fPIC") for Postfix dynamically-linked li?

braries and database plugins.

This feature was introduced with Postfix 3.0.

SHLIB_RPATH=rpath

Override the runpath (typically, ""-Wl,-rpath,{SHLIB_DIR}") for Postfix dynami?

cally-linked libraries.

This feature was introduced with Postfix 3.0.

SHLIB_SUFFIX=suffix

Override the filename suffix (typically, ".so") for Postfix dynamically-linked li?

braries and database plugins.

This feature was introduced with Postfix 3.0.

shared=yes

shared=no

Enable (disable) Postfix builds with dynamically-linked libraries typically named

\$shlib_directory/libpostfix-*.so.*.

This feature was introduced with Postfix 3.0.

dynamicmaps=yes

dynamicmaps=no

Enable (disable) Postfix builds with the configuration file \$meta_directory/dynam?

icmaps.cf and dynamically-loadable database plugins typically named postfix-*.so.*.

The setting "dynamicmaps=yes" implicitly enables Postfix dynamically-linked li?

braries.

This feature was introduced with Postfix 3.0.

pie=yes

pie=no Enable (disable) Postfix builds with position-independent executables, on platforms

where this is supported.

This feature was introduced with Postfix 3.0.

installation_parameter=value...

Override the compiled-in default value of the specified installation parameter(s).

The following parameters are supported in this context:

command_directory config_directory daemon_directory data_directory default_data?

base_type html_directory mail_spool_directory mailq_path manpage_directory meta_di?

rectory newaliases_path queue_directory readme_directory sendmail_path shlib_direc?

tory openssl_path

See the postconf(5) manpage for a description of these parameters.

This feature was introduced with Postfix 3.0.

WARN=warning_flags

Specifies non-default gcc compiler warning options for use when "make" is invoked in a source subdirectory only.

LICENSE

The Secure Mailer license must be distributed with this software.

AUTHOR(S)

Wietse Venema

IBM T.J. Watson Research

P.O. Box 704

Yorktown Heights, NY 10598, USA

Wietse Venema

Google, Inc.

111 8th Avenue

New York, NY 10011, USA

MAKEDEFS(1)