

**NAME**

config.guess – guess the build system triplet

**SYNOPSIS**

**config.guess** [*OPTION*]

**DESCRIPTION**

The GNU build system distinguishes three types of machines, the ‘build’ machine on which the compilers are run, the ‘host’ machine on which the package being built will run, and, exclusively when you build a compiler, assembler etc., the ‘target’ machine, for which the compiler being built will produce code.

This script will guess the type of the ‘build’ machine.

Output the configuration name of the system ‘config.guess’ is run on.

**OPTIONS**

**-h, --help**

print this help, then exit

**-t, --time-stamp**

print date of last modification, then exit

**-v, --version**

print version number, then exit

**ENVIRONMENT VARIABLES**

config.guess might need to compile and run C code, hence it needs a compiler for the ‘build’ machine: use the environment variable ‘CC\_FOR\_BUILD’ to specify the compiler for the build machine. If ‘CC\_FOR\_BUILD’ is not specified, ‘CC’ will be used. Be sure to specify ‘CC\_FOR\_BUILD’ is ‘CC’ is a cross-compiler to the ‘host’ machine.

CC\_FOR\_BUILD a native C compiler, defaults to ‘cc’

CC a native C compiler, the previous variable is preferred

**REPORTING BUGS**

Report bugs and patches to <config-patches@gnu.org>.

Originally written by Per Bothner.

Copyright 1992–2018 Free Software Foundation, Inc.

This is free software; see the source for copying conditions. There is NO warranty; not even for MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

**SEE ALSO**

**autoconf(1), automake(1), autoreconf(1), autoupdate(1), autoheader(1), autoscan(1), config.guess(1), config.sub(1), ifnames(1), libtool(1).**