

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.

Operation modes:

-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.

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SEE ALSO

[autoconf\(1\)](#), [automake\(1\)](#), [autoreconf\(1\)](#), [autoupdate\(1\)](#), [autoheader\(1\)](#), [autoscan\(1\)](#), [config.guess\(1\)](#), [config.sub\(1\)](#), [ifnames\(1\)](#), [libtool\(1\)](#).