Rocky Enterprise Linux 9.2 Manual Pages on command 'gyp.1'

$ man gyp.1

NAME

   gyp - cross-platform makefile generator for Chromium

SYNOPSIS

   gyp [options] [build_file...]

DESCRIPTION

   Uses the specified build files to generate build scripts or project files in the current

   platform?s native format. If no build file is specified, all files in the current

   directory with a .gyp suffix are used.

OPTIONS

   -D<variable>=<value>

      Provide a default value for the given variable. This supplements settings from the

      GYP_DEFINES environment variable, which should be a space-separated list of

      <variable>=<value> pairs.

   -f<format>[(,<format>)...], --format=<format>[(,<format>)...]

      Generate output in the formats listed. Valid formats include make (GNU makefile),

      xcode (Xcode project file), msvs (Visual Studio project file), scons (SCons rule set),

      and gypd (gyp input, for debugging).

      Defaults to the value of the GYP_GENERATORS environment variable, which should be a

      comma-separated list of formats, or the platform?s native format if unset (xcode for

      Mac OS X, msvs for Windows, including Cygwin, make for other Unix).

   -I<path>, --include=<path>

      Implicitly include the contents of the <path> file in all loaded .gyp files.

--depth=<path>

    For Chromium, the gyp "depth" variable should always be a relative path to Chromium?s

    top-level src directory. This option allows one to specify a path the DEPTH variable

    should be set relative to.

    Defaults to the first directory named src found as an ancestor of one of the build

    files passed on the command line.

-d<debug mode>, --debug=<debug mode>

    Turn on debugging output. Valid debugging modes include "general" to list options

    used, "variables" to trace variable expansion, and "includes" to trace build file

    include directives.

-S<suffix>, --suffix=<suffix>

    Insert the specified string in the names of generated files before the standard

    extension. For example, with the make backend and a suffix of ".foo", gyp will write

    the main makefile to Makefile.foo and target-specific snippets to target.foo.mk.

-G<flag>=<value>

    Set a "generator flag", which is an option specific to the particular output format.

    All generator flags have names beginning with the name of the output format. This

    supplements the GYP_GENERATOR_FLAGS environment variable, which should be a

    space-separated list of <flag>=<value> pairs.

--generator-output=<dir>

    Write the generated build files under the <dir> directory and adjust paths

    accordingly. This allows building in a separate directory from the source files.

    This overrides the GYP_GENERATOR_OUTPUT environment variable.

--ignore-environment

    Do not read options from environment variables.

--check

    Take extra time to verify the syntax of each build_file.

--parallel

    Use multiprocessing for speed (experimental).

--toplevel-dir=<dir>

    Directory to use as the root of the source tree.

--build=<configs>

    Configuration for build after project generation.

--no-circular-check

    Disable the check for circular relationships between .gyp files. These relationships

    should not exist, but they?ve only been observed to be harmful with the Xcode output

    format. Chromium?s .gyp files currently have some circular relationships on non-Mac

    platforms, so this option allows the strict behavior to be used on Macs and the

    lenient behavior to be used elsewhere.

    This option is likely to be removed once all circular relationships in Chromium are

    eliminated.

ENVIRONMENT

    GYP_DEFINES, GYP_GENERATORS, GYP_GENERATOR_FLAGS, GYP_GENERATOR_OUTPUT

    See the -D, --format, -G, and --generator-output options.

FILES

    ~/.gyp/include.gypi

    Implicitly included before anything else in every .gyp file.

SEE ALSO

    qmake(1), cmake(1)

                    02/22/2022   GYP(1)