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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
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2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
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Android adaptation and tweak by Jim Huang <jserv@0xlab.org>.

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Theo de Raadt <deraadt@openbsd.org> came up with the idea of using
such a mathematical system to generate more random (yet non-repeating)
ids to solve the resolver/named problem. But Niels designed the
actual system based on the constraints.

Later modified by Damien Miller to wrap the LCG output in a 15-bit
permutation generator based on a Luby-Rackoff block cipher. This
ensures the output is non-repeating and preserves the MSB twiddle
trick, but makes it more resistant to LCG prediction.

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2.11 Animal Sniffer Annotations (11)

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2.13 ARM_NEON_2_x86_SSE (13)

created by Victoria Zhislina, the Senior Application Engineer, Intel Corporation,
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2.15 Blackmagic DeckLink SDK - Mac (15)

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2.16 blink HTMLTokenizer (16)

```
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```

2.17 Braille Translation Library (17)

```
(Copied from src/liblouis/liblouis.h.in)

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```

```
*/
```

2.18 Brotli (18)

```
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2.20 bsdiff (20)

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2.21 bspatch (21)

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2.22 C++ port of zxcvbn, an advanced password strength estimation library. (22)

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2.24 Checked in build outputs generated on Windows. (24)

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```

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2.26 Checker Util (26)

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2.32 Compact Encoding Detection (32)

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2.33 Compact Language Detector v3 (33)

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2.35 core-common (35)

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2.36 d3 (36)

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2.37 Darwin (37)

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2.40 dom-distiller-js (40)

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2.41 dynamic annotations (41)

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2.42 EasyList (42)

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2.44 Eigen (44)

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2.45 etc1 (45)

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2.47 feature-delivery (47)

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April 10, 2009

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2.48 firebase-iid (48)

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December 9, 2016

Android SDK:

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April 10, 2009

AndroidX activity library, AndroidX annotation library, AndroidX asynclayoutinflater library, AndroidX concurrent futures library, AndroidX core library, AndroidX cursoradapter library, AndroidX documentfile library, AndroidX drawerlayout library, AndroidX fragment library, AndroidX legacy coreui library, AndroidX legacy v4 library, AndroidX print library, AndroidX slidingpanelayout library, AndroidX swiperefreshlayout library, AndroidX viewpager library:

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December 9, 2016

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2.50 firebase-messaging (50)

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April 10, 2009

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2.52 FP16 (52)

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2.55 getopt (55)

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2.56 Google Android Annotations Library (56)

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December 9, 2016

2.57 Google Chrome Content Analysis Connector Agent SDK (57)

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2.59 Google Trust Services Recommended Roots (59)

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2.60 google-glog's symbolization library (60)

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2.61 Headers for the Windows 10 WebAuthn API (webauthn.dll) (61)

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2.62 hunspell (62)

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Hyphenation dictionary
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Language: Russian (ru RU).
Origin:   Based on the TeX hyphenation tables
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Author:   conversion author is Peter Novodvorsky <nidd@altlinux.ru>

This hyphenation dictionary is based on syllable matching patterns and
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HYPH ru RU hyph_ru_RU
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2.64 IAccessible2 COM interfaces for accessibility (64)

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2.69 JNI Zero (69)

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2.70 jsoncpp (70)

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2.71 jszip (71)

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2.72 Khronos header files (72)

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2.73 libavif - Library for encoding and decoding .avif files (73)

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Files: tests/cJSON.*

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2.74 libavif - Library for extracting metadata from .avif files (74)

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2.75 libbrlapi (75)

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2.76 libei (76)

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2.79 libjingle XMPP and xmllite libraries (79)

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2.80 libpng (80)

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2.81 libsecret (81)

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2.90 LLVM OS Version Check (90)

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2.91 Lottie Web (91)

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##

BezierEasing - use bezier curve for transition easing function
by Gaëtan Renaudeau 2014 - 2015 - MIT License

Credits: is based on Firefox's nsSMILKeySpline.cpp
Usage:
var spline = BezierEasing([0.25, 0.1, 0.25, 1.0])
spline.get(x) => returns the easing value | x must be in [0, 1] range

2.92 lottie_ios (92)

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* http://modp.com/release/base64
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```

2.102 newlib-extras (102)

```
README for newlib-2.0.0 release
(mostly cribbed from the README in the gdb-4.13 release)

This is `newlib', a simple ANSI C library, math library, and collection
of board support packages.

The newlib and libgloss subdirectories are a collection of software from
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Unpacking and Installation -- quick overview
============================

When you unpack the newlib-2.0.0.tar.gz file, you'll find a directory
called `newlib-2.0.0', which contains:

COPYING          config/          install-sh*      mpw-configure
COPYING.LIB      config-ml.in     libgloss/        mpw-install
COPYING.NEWLIB   config.guess*    mkinstalldirs*   newlib/
CYGNUS           config.sub*      move-if-change*  symlink-tree*
ChangeLog        configure*       mpw-README       texinfo/
Makefile.in      configure.in     mpw-build.in
README           etc/             mpw-config.in

To build NEWLIB, you must follow the instructions in the section entitled
"Compiling NEWLIB".

This will configure and build all the libraries and crt0 (if one exists).
If `configure' can't determine your host system type, specify one as its
argument, e.g., sun4 or sun4sol2.  NEWLIB is most often used in cross
environments.

NOTE THAT YOU MUST HAVE ALREADY BUILT AND INSTALLED GCC and BINUTILS.


More Documentation
==================
```

Newlib documentation is available on the net via:
http://sourceware.org/newlib/docs.html

All the documentation for NEWLIB comes as part of the machine-readable distribution. The documentation is written in Texinfo format, which is a documentation system that uses a single source file to produce both on-line information and a printed manual. You can use one of the Info formatting commands to create the on-line version of the documentation and TeX (or `texi2roff') to typeset the printed version.

If you want to format these Info files yourself, you need one of the Info formatting programs, such as `texinfo-format-buffer' or `makeinfo'.

If you want to typeset and print copies of this manual, you need TeX, a program to print its DVI output files, and `texinfo.tex', the Texinfo definitions file.

TeX is a typesetting program; it does not print files directly, but produces output files called DVI files. To print a typeset document, you need a program to print DVI files. If your system has TeX installed, chances are it has such a program. The precise command to use depends on your system; `lpr -d' is common; another (for PostScript devices) is `dvips'. The DVI print command may require a file name without any extension or a `.dvi' extension.

TeX also requires a macro definitions file called `texinfo.tex'. This file tells TeX how to typeset a document written in Texinfo format. On its own, TeX cannot read, much less typeset a Texinfo file. `texinfo.tex' is distributed with NEWLIB and is located in the `newlib-VERSION-NUMBER/texinfo' directory.

Compiling NEWLIB

To compile NEWLIB, you must build it in a directory separate from the source directory. If you want to run NEWLIB versions for several host or target machines, you need a different `newlib' compiled for each combination of host and target. `configure' is designed to make this easy by allowing you to generate each configuration in a separate subdirectory.
If your `make' program handles the `VPATH' feature correctly (like GNU `make') running `make' in each of these directories builds the `newlib' libraries specified there.

To build `newlib' in a specific directory, run `configure' with the `--srcdir' option to specify where to find the source. (You also need to specify a path to find `configure' itself from your working directory. If the path to `configure' would be the same as the argument to `--srcdir', you can leave out the `--srcdir' option; it will be assumed.)

For example, with version 2.0.0, you can build NEWLIB in a separate directory for a Sun 4 cross m68k-aout environment like this:

```
cd newlib-2.0.0
mkdir ../newlib-m68k-aout
cd ../newlib-m68k-aout
../newlib-2.0.0/configure --host=sun4 --target=m68k-aout
make
```

When `configure' builds a configuration using a remote source directory, it creates a tree for the binaries with the same structure (and using the same names) as the tree under the source directory. In

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the example, you'd find the Sun 4 library `libiberty.a' in the directory `newlib-m68k-aout/libiberty', and NEWLIB itself in `newlib-m68k-aout/newlib'.

When you run `make' to build a program or library, you must run it in a configured directory--whatever directory you were in when you called `configure' (or one of its subdirectories).

The `Makefile' that `configure' generates in each source directory also runs recursively. If you type `make' in a source directory such as `newlib-2.0.0' (or in a separate configured directory configured with `--srcdir=PATH/newlib-2.0.0'), you will build all the required libraries.

When you have multiple hosts or targets configured in separate directories, you can run `make' on them in parallel (for example, if they are NFS-mounted on each of the hosts); they will not interfere with each other.

Specifying names for hosts and targets

The specifications used for hosts and targets in the `configure' script are based on a three-part naming scheme, but some short predefined aliases are also supported. The full naming scheme encodes three pieces of information in the following pattern:

ARCHITECTURE-VENDOR-OS

For example, you can use the alias `sun4' as a HOST argument or in a `--target=TARGET' option. The equivalent full name is `sparc-sun-sunos4'.

The `configure' script accompanying NEWLIB does not provide any query facility to list all supported host and target names or aliases. `configure' calls the Bourne shell script `config.sub' to map abbreviations to full names; you can read the script, if you wish, or you can use it to test your guesses on abbreviations--for example:

```
% sh config.sub sun4
sparc-sun-sunos4.1.1
% sh config.sub sun3
m68k-sun-sunos4.1.1
% sh config.sub decstation
mips-dec-ultrix4.2
% sh config.sub hp300bsd
m68k-hp-bsd
% sh config.sub i386v
i386-pc-sysv
% sh config.sub i786v
Invalid configuration `i786v': machine `i786v' not recognized
```

The Build, Host and Target Concepts in newlib

The build, host and target concepts are defined for gcc as follows:

build: the platform on which gcc is built.
host: the platform on which gcc is run.
target: the platform for which gcc generates code.

Since newlib is a library, the target concept does not apply to it, and the build, host, and target options given to the top-level configure script must be changed for newlib's use.

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The options are shifted according to these correspondences:

gcc's build platform has no equivalent in newlib.
gcc's host platform is newlib's build platform.
gcc's target platform is newlib's host platform.
and as mentioned before, newlib has no concept of target.

`configure' options

Here is a summary of the `configure' options and arguments that are most often useful for building NEWLIB. `configure' also has several other options not listed here.

```
configure [--help]
[--prefix=DIR]
[--srcdir=PATH]
[--target=TARGET] HOST
```

You may introduce options with a single `-' rather than `--' if you prefer; but you may abbreviate option names if you use `--'.

`--help'
Display a quick summary of how to invoke `configure'.

`--prefix=DIR'
Configure the source to install programs and files in directory `DIR'.

`--exec-prefix=DIR'
Configure the source to install host-dependent files in directory `DIR'.

`--srcdir=PATH'
*Warning: using this option requires GNU `make', or another `make' that compatibly implements the `VPATH' feature.
Use this option to make configurations in directories separate from the NEWLIB source directories. Among other things, you can use this to build (or maintain) several configurations simultaneously, in separate directories. `configure' writes configuration specific files in the current directory, but arranges for them to use the source in the directory PATH. `configure' will create directories under the working directory in parallel to the source directories below PATH.

`--norecursion'
Configure only the directory level where `configure' is executed; do not propagate configuration to subdirectories.

`--target=TARGET'
Configure NEWLIB for running on the specified TARGET.

There is no convenient way to generate a list of all available targets.

`HOST ...'
Configure NEWLIB to be built using a cross compiler running on the specified HOST.

There is no convenient way to generate a list of all available hosts.

To fit diverse usage models, NEWLIB supports a group of configuration options so that library features can be turned on/off according to target system's requirements.

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```
One feature can be enabled by specifying `--enable-FEATURE=yes' or
`--enable-FEATURE'.  Or it can be disable by `--enable-FEATURE=no' or
`--disable-FEATURE'.

`--enable-newlib-io-pos-args'
Enable printf-family positional arg support.
Disabled by default, but some hosts enable it in configure.host.

`--enable-newlib-io-c99-formats'
Enable C99 support in IO functions like printf/scanf.
Disabled by default, but some hosts enable it in configure.host.

`--enable-newlib-register-fini'
Enable finalization function registration using atexit.
Disabled by default.

`--enable-newlib-io-long-long'
Enable long long type support in IO functions like printf/scanf.
Disabled by default, but many hosts enable it in configure.host.

`--enable-newlib-io-long-double'
Enable long double type support in IO functions printf/scanf.
Disabled by default, but some hosts enable it in configure.host.

`--enable-newlib-mb'
Enable multibyte support.
Disabled by default.

`--enable-newlib-iconv-encodings'
Enable specific comma-separated list of bidirectional iconv
encodings to be built-in.
Disabled by default.

`--enable-newlib-iconv-from-encodings'
Enable specific comma-separated list of \"from\" iconv encodings
to be built-in.
Disabled by default.

`--enable-newlib-iconv-to-encodings'
Enable specific comma-separated list of \"to\" iconv encodings
to be built-in.
Disabled by default.

`--enable-newlib-iconv-external-ccs'
Enable capabilities to load external CCS files for iconv.
Disabled by default.

`--disable-newlib-atexit-dynamic-alloc'
Disable dynamic allocation of atexit entries.
Most hosts and targets have it enabled in configure.host.

`--enable-newlib-reent-small'
Enable small reentrant struct support.
Disabled by default.

`--disable-newlib-fvwrite-in-streamio'
NEWLIB implements the vector buffer mechanism to support stream IO
buffering required by C standard.  This feature is possibly
unnecessary for embedded systems which won't change file buffering
with functions like `setbuf' or `setvbuf'.  The buffering mechanism
still acts as default for STDIN/STDOUT/STDERR even if this option
is specified.
Enabled by default.
```

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`--disable-newlib-fseek-optimization'
Disable fseek optimization. It can decrease code size of application calling `fseek`.
Enabled by default.

`--disable-newlib-wide-orient'
C99 states that each stream has an orientation, wide or byte. This feature is possibly unnecessary for embedded systems which only do byte input/output operations on stream. It can decrease code size by disable the feature.
Enabled by default.

`--enable-newlib-nano-malloc'
NEWLIB has two implementations of malloc family's functions, one in `mallocr.c' and the other one in `nano-mallocr.c'. This options enables the nano-malloc implementation, which is for small systems with very limited memory. Note that this implementation does not support `--enable-malloc-debugging' any more.
Disabled by default.

`--disable-newlib-unbuf-stream-opt'
NEWLIB does optimization when `fprintf to write only unbuffered unix file'.  It creates a temorary buffer to do the optimization that increases stack consumption by about `BUFSIZ' bytes. This option disables the optimization and saves size of text and stack.
Enabled by default.

`--enable-multilib'
Build many library versions.
Enabled by default.

`--enable-target-optspace'
Optimize for space.
Disabled by default.

`--enable-malloc-debugging'
Indicate malloc debugging requested.
Disabled by default.

`--enable-newlib-multithread'
Enable support for multiple threads.
Enabled by default.

`--enable-newlib-iconv'
Enable iconv library support.
Disabled by default.

`--enable-newlib-elix-level'
Supply desired elix library level (1-4). Please refer to HOWTO for more information about this option.
Set to level 0 by default.

`--disable-newlib-io-float'
Disable printf/scanf family float support.
Enabled by default.

`--disable-newlib-supplied-syscalls'
Disable newlib from supplying syscalls.
Enabled by default.

`--enable-lite-exit'
Enable lite exit, a size-reduced implementation of exit that doesn't invoke clean-up functions such as _fini or global destructors.
Disabled by default.

Running the Testsuite

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==========

To run newlib's testsuite, you'll need a site.exp in your home directory which points dejagnu to the proper baseboards directory and the proper exp file for your target.

Before running make check-target-newlib, set the DEJAGNU environment variable to point to ~/site.exp.

Here is a sample site.exp:

```
# Make sure we look in the right place for the board description files.
if ![info exists boards_dir] {
set boards_dir {}
}
lappend boards_dir "your dejagnu/baseboards here"

verbose "Global Config File: target_triplet is $target_triplet" 2

global target_list
case "$target_triplet" in {

{ "mips-*elf*" } {
set target_list "mips-sim"
}

default {
set target_list { "unix" }
}
}
```

mips-sim refers to an exp file in the baseboards directory. You'll need to add the other targets you're testing to the case statement.

Now type make check-target-newlib in the top-level build directory to run the testsuite.

Shared newlib
==========

newlib uses libtool when it is being compiled natively (with --target=i[34567]86-pc-linux-gnu) on an i[34567]86-pc-linux-gnu host. This allows newlib to be compiled as a shared library.

To configure newlib, do the following from your build directory:

```
$(source_dir)/src/configure --with-newlib --prefix=$(install_dir)
```

configure will recognize that host == target == i[34567]86-pc-linux-gnu, so it will tell newlib to compile itself using libtool. By default, libtool will build shared and static versions of newlib.

To compile a program against shared newlib, do the following (where target_install_dir = $(install_dir)/i[34567]86-pc-linux-gnu):

```
gcc -nostdlib $(target_install_dir)/lib/crt0.o progname.c -I
$(target_install_dir)/include -L $(target_install_dir)/lib -lc -lm -lgcc
```

To run the program, make sure that $(target_install_dir)/lib is listed in the LD_LIBRARY_PATH environment variable.

To create a static binary linked against newlib, do the following:

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```
gcc -nostdlib -static $(target_install_dir)/lib/crt0.o progname.c -I
$(target_install_dir)/include -L $(target_install_dir)/lib -lc -lm
```

libtool can be instructed to produce only static libraries. To build newlib as a static library only, do the following from your build directory:

```
$(source_dir)/src/configure --with-newlib --prefix=$(install_dir) --disable-shared
```

Regenerating Configuration Files

At times you will need to make changes to configure.in and Makefile.am files. This will mean that configure and Makefile.in files will need to be regenerated.

At the top level of newlib is the file: acinclude.m4. This file contains the definition of the NEWLIB_CONFIGURE macro which is used by all configure.in files in newlib. You will notice that each directory in newlib containing a configure.in file also contains an aclocal.m4 file. This file is generated by issuing: aclocal -I${relative_path_to_toplevel_newlib_dir} -I${relative_path_to_toplevel_src_dir}
The first relative directory is to access acinclude.m4. The second relative directory is to access libtool information in the top-level src directory.

For example, to regenerate aclocal.m4 in newlib/libc/machine/arm:

```
aclocal -I ../../.. -I ../../../..
```

Note that if the top level acinclude.m4 is altered, every aclocal.m4 file in newlib should be regenerated.

If the aclocal.m4 file is regenerated due to a change in acinclude.m4 or if a configure.in file is modified, the corresponding configure file in the directory must be regenerated using autoconf. No parameters are necessary. In the previous example, we would issue:

```
autoconf
```

from the newlib/libc/machine/arm directory.

If you have regenerated a configure file or if you have modified a Makefile.am file, you will need to regenerate the appropriate Makefile.in file(s).
For newlib, automake is a bit trickier. First of all, all Makefile.in files in newlib (and libgloss) are generated using the --cygnus option of automake.

Makefile.in files are generated from the nearest directory up the chain which contains a configure.in file. In most cases, this is the same directory containing configure.in, but there are exceptions.
For example, the newlib/libc directory has a number of subdirectories that do not contain their own configure.in files (e.g. stdio).
For these directories, you must issue the automake command from newlib/libc which is the nearest parent directory that contains a configure.in.
When you issue the automake command, you specify the subdirectory for the Makefile.in you are regenerating. For example:

```
automake --cygnus stdio/Makefile stdlib/Makefile
```

Note how multiple Makefile.in files can be created in the same step. You would not specify machine/Makefile or sys/Makefile in the previous example because both of these subdirectories contain their own configure.in files.
One would change to each of these subdirectories and in turn issue:

```
automake --cygnus Makefile
```

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```
Let's say you create a new machine directory XXXX off of newlib/libc/machine.
After creating a new configure.in and Makefile.am file, you would issue:

aclocal -I ../../..
autoconf
automake --cygnus Makefile

from newlib/libc/machine/XXXX

It is strongly advised that you use an adequate version of autotools.
For this latest release, the following were used: autoconf 2.68, aclocal 1.11.6, and
automake 1.11.6.

Reporting Bugs
==============

The correct address for reporting bugs found in NEWLIB is
"newlib@sourceware.org".  Please email all bug reports to that
address.  Please include the NEWLIB version number (e.g., newlib-2.0.0),
and how you configured it (e.g., "sun4 host and m68k-aout target").
Since NEWLIB supports many different configurations, it is important
that you be precise about this.

Archives of the newlib mailing list are on-line, see
http://sourceware.org/ml/newlib/
```

2.103 Omnibox Protos (103)

```
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```

2.104 One Euro Filter (104)

```
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2.105 opus (105)

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2.106 OTS (OpenType Sanitizer) (106)

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2.107 Paul Hsieh's SuperFastHash (107)

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2.108 PFFFT: a pretty fast FFT. (108)

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2.109 play-services-auth (109)

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December 9, 2016

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2.110 play-services-auth-api-phone (110)

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December 9, 2016

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2.112 play-services-cast (112)

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December 9, 2016

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2.113 play-services-cast-framework (113)

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December 9, 2016

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2.114 play-services-clearcut (114)

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2.115 play-services-cloud-messaging (115)

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December 9, 2016

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2.116 play-services-flags (116)

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2.117 play-services-iid (117)

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December 9, 2016

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2.118 play-services-instantapps (118)

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December 9, 2016

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December 9, 2016

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December 9, 2016

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2.121 play-services-tflite-java (121)

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Android SDK:

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2.125 Protocol Buffers (javascript) (125)

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2.126 PSM (Private Set Membership) client side (126)

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2.127 Puffin deterministic deflate recompressor (127)

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2.128 Quick Color Management System (128)

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2.129 re2 - an efficient, principled regular expression library (129)

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2.130 Recurrent neural network for audio noise reduction (130)

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2.131 Selenium Atoms (131)

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2.134 simplejson (134)

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2.139 Tamachiyomi (139)

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2.147 URL Pattern Library (147)

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2.148 url_parse (148)

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2.149 v4l-utils (149)

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2.150 V8 fork of fdlibm (150)

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c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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2.153 WebP image encoder/decoder (153)

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2.156 woff2 (156)

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2.157 x11proto (157)

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2.158 xdg-user-dirs (158)

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2.159 xnu (159)

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2.161 zlib (161)

version 1.2.12, March 27th, 2022

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2.195 bzip2-1.0.6 (195)

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2.242 CPL-1.0 (242)

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2.243 Blue Oak Model License 1.0.0 (243)

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# Blue Oak Model License

Version 1.0.0

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7.1. If I join the Corresponding Working Group. If I join the Corresponding Working Group, I will be subject to all W3C rules, obligations, licensing commitments, and policies that govern that Corresponding Working Group.
7.2. If I Do Not Join the Corresponding Working Group.
7.2.1. Licensing Obligations to Resulting Specification. If I do not join the Corresponding Working Group, I agree to offer patent licenses according to the W3C Royalty-Free licensing requirements described in Section 5 of the W3C Patent Policy for the portions of the Specification included in the resulting Recommendation. This

licensing commitment does not extend to any portion of an implementation of the Recommendation that was not included in the Specification. This licensing commitment may not be revoked but may be modified through the exclusion process defined in Section 4 of the W3C Patent Policy. I am not required to join the Corresponding Working Group to exclude patents from the W3C Royalty-Free licensing commitment, but must otherwise follow the normal exclusion procedures defined by the W3C Patent Policy. The W3C Team will notify me of any Call for Exclusion in the Corresponding Working Group as set forth in Section 4.5 of the W3C Patent Policy.
7.2.2. No Disclosure Obligation. If I do not join the Corresponding Working Group, I have no patent disclosure obligations outside of those set forth in Section 6 of the W3C Patent Policy.
8. Conflict of Interest. I will disclose significant relationships when those relationships might reasonably be perceived as creating a conflict of interest with my role. I will notify W3C of any change in my affiliation using W3C-provided mechanisms.
9. Representations, Warranties and Disclaimers. I represent and warrant that I am legally entitled to grant the rights and promises set forth in this Agreement. IN ALL OTHER RESPECTS THE SPECIFICATION IS PROVIDED "AS IS." The entire risk as to implementing or otherwise using the Specification is assumed by the implementer and user. Except as stated herein, I expressly disclaim any warranties (express, implied, or otherwise), including implied warranties of merchantability, non-infringement, fitness for a particular purpose, or title, related to the Specification. IN NO EVENT WILL ANY PARTY BE LIABLE TO ANY OTHER PARTY FOR LOST PROFITS OR ANY FORM OF INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER FROM ANY CAUSES OF ACTION OF ANY KIND WITH RESPECT TO THIS AGREEMENT, WHETHER BASED ON BREACH OF CONTRACT, TORT (INCLUDING NEGLIGENCE), OR OTHERWISE, AND WHETHER OR NOT THE OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. All of my obligations under Section 3 regarding the transfer, successors in interest, or assignment of Granted Claims will be satisfied if I notify the transferee or assignee of any patent that I know contains Granted Claims of the obligations under Section 3. Nothing in this Agreement requires me to undertake a patent search.
10. Definitions.
10.1. Agreement. "Agreement" means this W3C Community Final Specification Agreement.
10.2. Corresponding Working Group. "Corresponding Working Group" is a W3C Working Group that is chartered to develop a Recommendation, as defined in the W3C Process Document, that takes the Specification as an input.
10.3. Essential Claims. "Essential Claims" shall mean all claims in any patent or patent application in any jurisdiction in the world that would necessarily be infringed by implementation of the Specification. A claim is necessarily infringed hereunder only when it is not possible to avoid infringing it because there is no non-infringing alternative for implementing the normative portions of the Specification. Existence of a non-infringing alternative shall be judged based on the state of the art at the time of the publication of the Specification. The following are expressly excluded from and shall not be deemed to constitute Essential Claims:
10.3.1. any claims other than as set forth above even if contained in the same patent as Essential Claims; and
10.3.2. claims which would be infringed only by:
portions of an implementation that are not specified in the normative portions of the Specification, or
enabling technologies that may be necessary to make or use any product or portion thereof that complies with the Specification and are not themselves expressly set forth in the Specification (e.g., semiconductor manufacturing technology, compiler technology, object-oriented technology, basic operating system technology, and the like); or
the implementation of technology developed elsewhere and merely incorporated by reference in the body of the Specification.
10.3.3. design patents and design registrations.
For purposes of this definition, the normative portions of the Specification shall be deemed to include only architectural and interoperability requirements. Optional features in the RFC 2119 sense are considered normative unless they are specifically identified as informative. Implementation examples or any other material that merely illustrate the requirements of the Specification are informative, rather than normative.
10.4. I, Me, or My. "I," "me," or "my" refers to the signatory.
10.5 Project. "Project" means the W3C Community Group or Business Group for which I executed this Agreement.
10.6. Specification. "Specification" means the Specification identified by the Project as the target of this agreement in a call for Final Specification Commitments. W3C shall provide the authoritative mechanisms for the identification of this Specification.

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10.7. W3C Community RF Licensing Requirements. "W3C Community RF Licensing Requirements" license shall mean a non-assignable, non-sublicensable license to make, have made, use, sell, have sold, offer to sell, import, and distribute and dispose of implementations of the Specification that:
10.7.1. shall be available to all, worldwide, whether or not they are W3C Members;
10.7.2. shall extend to all Essential Claims owned or controlled by me;
10.7.3. may be limited to implementations of the Specification, and to what is required by the Specification;
10.7.4. may be conditioned on a grant of a reciprocal RF license (as defined in this policy) to all Essential Claims owned or controlled by the licensee. A reciprocal license may be required to be available to all, and a reciprocal license may itself be conditioned on a further reciprocal license from all.
10.7.5. may not be conditioned on payment of royalties, fees or other consideration;
10.7.6. may be suspended with respect to any licensee when licensor issued by licensee for infringement of claims essential to implement the Specification or any W3C Recommendation;
10.7.7. may not impose any further conditions or restrictions on the use of any technology, intellectual property rights, or other restrictions on behavior of the licensee, but may include reasonable, customary terms relating to operation or maintenance of the license relationship such as the following: choice of law and dispute resolution;
10.7.8. shall not be considered accepted by an implementer who manifests an intent not to accept the terms of the W3C Community RF Licensing Requirements license as offered by the licensor.
10.7.9. The RF license conforming to the requirements in this policy shall be made available by the licensor as long as the Specification is in effect. The term of such license shall be for the life of the patents in question.
I am encouraged to provide a contact from which licensing information can be obtained and other relevant licensing information. Any such information will be made publicly available.
10.8. You or Your. "You," "you," or "your" means any person or entity who exercises copyright or patent rights granted under this Agreement, and any person that person or entity controls.

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