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gcc for microblaze version 5.2.0

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```
<pre> @()europe 8.21
<pre> @()pacificnew 8.2
```

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gmp version 4.3.2

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libremote-port version 2016.3

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libswresample version 1.1.100

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From dso/aix/dso.c:

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From strings/apr_strnatcmp.c, include/apr_strings.h:

strnatcmp.c -- Perform 'natural order' comparisons of strings in C.
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From strings/apr_snprintf.c:

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* cvt - IEEE floating point formatting routines.
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arduino eclipse plugin 2.2

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avbuf_xilinx_driver version 1

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axidma_xilinx_driver version 9.4

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# The resource file for the language dialog.  
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00000 000 000000000. 0000000 00000  
'888' `8`'888 `Y88. `8888 d8'
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888 8 888 .d88' Y888..8P
888 8 888ooo88P' `8888'
888 8 888 .8PY888.
`88. .8' 888 d8' `888b
`YbodP' o888o o888o o88888o

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liberty parser version unknown

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libpcap version 1.5.3

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* Added TPACKET_V3 support
* Gabor Tatarka <gabor.tatarka@ericsson.com>
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* 06-01-01 Marc Boucher <marc@mbsi.ca>

* Ported to lwIP.

*****/

/* based on NetBSD: if_pppoe.c,v 1.64 2006/01/31 23:50:15 martin Exp */

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this Agreement shall be superseded only to the extent required. If any provision of this Agreement shall be otherwise unlawful, void, or unenforceable, that provision shall be enforced to the maximum extent permissible. In either case, the remainder of this Agreement shall not be affected. The parties agree that neither the U.N. Convention on Contracts for the International Sale of Goods nor the Uniform Computer Information Transactions Act, or any version thereof, in any form ("UCITA"), shall apply to this Agreement. To the extent that UCITA is applicable by reason of its adoption in a state, the parties agree to opt out of the applicability of UCITA pursuant to their Opt-Out provision(s).

19. **COMPLIANCE WITH LICENSES.** Licensee agrees to notify MathWorks promptly upon discovery of any failure to comply with this Agreement. Licensee agrees that, no more than once every twelve (12) months or within a reasonable time after a transfer, in addition to any other remedies at law or in equity, MathWorks or its authorized representative shall, upon reasonable prior notice, have the right to inspect Licensee's and Licensee's Affiliates' records, systems, and facilities, during normal business hours, to verify that Licensee's and its Affiliates' use of the Programs is in conformity with valid licenses and otherwise complies with this Agreement. If a verification discloses that Licensee's or any of its Affiliates' use is not in conformity with a valid license, Licensee shall immediately take all necessary steps to cure any past defaults, including paying any unpaid license fees, to bring Licensee's or any of its Affiliates' use into conformity.

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23.4. "Computer" means either (i) a single physical hardware system containing a single motherboard running an operating system, or (ii) a virtual machine running an operating system.

23.5. "Derivative Form" means one or more software files that Licensee has derived from one or more Program Components (including without limitation by incorporating, translating, or modifying, in whole or in part, any Program Component), and which, if modified or copied without MathWorks' authorization, would constitute a copyright infringement or breach of the Agreement. A software file created by Licensee which qualifies as an "Application" under the above definition shall not be deemed a Derivative Form.

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23.7. "Internal Operations" means the use of a Program by employees, consultants, student interns, and software administration contractors of Licensee or an Affiliate on behalf of the Licensee or Affiliate.

23.8. "License Manager" means the license management software provided for use with the Program(s).

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23.12. "Licensor" means the person who, or entity which, grants a license to MathWorks to redistribute that person's or entity's intellectual property.

23.13. "Linked" means an executable or loadable file created by a compiler or linker program combining Object Code module files.

23.14. "MATLAB Runtime" means MATLAB Runtime support libraries and other files for deployment of Applications.

23.15. "Object Code" means the code created by a system compiler from source code; also called "machine-readable code." Object Code can be Linked with an appropriate linker to resolve address references and may be combined with other Object Code for targeted execution on a specific processor. Object Code includes "Object Code libraries" and "shared libraries," which are groupings of Object Code for specific purposes.

23.16. "Perpetual License" means the right to use the License indefinitely provided that the Licensee always remains in compliance with the terms of this Agreement.

23.17. "Program" means the software licensed hereunder, including Program Components, Documentation, enhancements, and error corrections. Each product licensed hereunder is a separate Program.

23.18. "Program Component" means any portion of, or file provided with, a Program.

23.19. "Program Offering Guide" means the Program Offering Guide for this release, presented after this Agreement.

23.20. "Source Code" means human-readable code written in a higher-level language such as C, C++, Java, MATLAB, MDL, SLX, VHDL, Verilog, or Fortran, which must be translated or compiled into machine-readable code before it can be executed by a computer. Source Code also includes header files and other human-readable files necessary for a Program to be compiled in the higher-level language.

23.21. "Third Party" means any person or legal entity that is not MathWorks, the Licensee, or an Affiliate.

23.22. "Transformation Program" means a Program whose primary purpose is to transform input files into output files without user interaction, including Programs used for the principal purpose of compiling, translating, or generating Source Code and Programs used for the principal purpose of verification, validation or inspection of design or Source Code, or report generation. See the Program Offering Guide for a full list of Transformation Programs.

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PROGRAM OFFERING GUIDE

RELEASE 2017b

This Program Offering Guide is an integral part of the Documentation for Release 2017b.

* Part One describes each of the different License Offerings.

* Part Two explains your limited rights to modify Program Components and distribute Applications that are made using the Programs that you license from MathWorks.

* Part Three identifies the Transformation Programs for which a separate license is required to provide server access or system automation.

* Part Four provides information about MathWorks Software Maintenance Service.

* Part Five contains a Glossary of definitions of capitalized terms used in this Program Offering Guide. Any capitalized terms used in this Program Offering Guide that are not in the Glossary are defined in The MathWorks, Inc. Software License Agreement (the "Software License Agreement").

The Software License Agreement contains additional rights, restrictions, and obligations that apply to your licensed Programs and Applications.

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PART ONE: LICENSE OFFERINGS

A License Offering is comprised of:

- (i) a License Option that specifies principally how the License Offering works and is measured or counted;
- (ii) a License Use that specifies who can use the Programs in terms of the types of organizations, individuals, or activities eligible to use the License Offering; and, if applicable,
- (iii) Specific Program Use Rights for MATLAB Distributed Computing Server ("MDCS") and MATLAB Production Server.

Each License Offering is subject to the applicable term of the License: Perpetual, Annual, or other specific term.

The sections below provide the specific details of each License Option, License Use, and the Specific Program Use Rights.

1. License Options

1.1. Individual License Option

- (i) The Individual License Option provides for use of Programs by a single Named User.
- (ii) A Named User may install the Programs on up to four (4) different Computers but may not use a Program on more than two (2) Computers simultaneously, except that Student and Home Licenses are limited to a single Computer.
- (iii) The Licensee may redesignate the Named User authorized to use a Program, whether temporarily or not, up to four (4) times in any twelve (12) month period, except that Student and Home Licenses are not transferable.
- (iv) The Computer login of the Named User may not be shared with any other individual.

1.2. Designated Computer License Option

- (i) The Designated Computer License Option provides for use of Programs on a single, physical (not virtual) designated Computer.
- (ii) The Programs may be operated by only one Licensed User at any given time.
- (iii) The Programs must be operated from the Designated Computer's console, except for remote access as allowed in Section 1.6 below.
- (iv) The Licensee may redesignate the Computer, whether temporarily or not, up to four (4) times in any twelve (12) month period.

1.3. Network Named User License Option

- (i) The Network Named User License Option provides for a specified number of designated Named Users to use the Programs on any Computer that is connected to the same, single License Manager.
- (ii) The License Manager must be activated on a single Computer.

(iii) The Programs may be operated by Named Users on Computers served by the same, single License Manager up to the maximum number of Named Users licensed for each Program.

(iv) A Named User may not use a Program on more than two (2) Computers simultaneously.

(v) The Programs may be installed in a central location or on individual Computers to accelerate startup times as long as the use on all Computers is controlled by the same, single License Manager.

(vi) The Licensee may redesignate the Named Users for a Program, whether temporarily or not, up to four (4) times in any twelve (12) month period.

(vii) A Computer login of a Named User may not be shared with any other individual.

(viii) The Network Named User License Option is only available for Standard License Use.

1.4. Concurrent License Option^[fn1]

(i) The Concurrent License Option provides for a specified number of concurrent keys for each Program on the License that may be used simultaneously by Licensed Users on any Computer that is connected to the same, single License Manager.

(ii) Before using a Program on any Computer, the Licensed User must check out a separate concurrent key from the License Manager for that Computer.

(iii) The License Manager must be activated on a single Computer.

(iv) The Programs may be installed in a central location or on individual Computers to accelerate startup times as long as the use on all Computers is controlled by the same, single License Manager.

(v) Licensees are prohibited from providing Program access to users located outside the Country^[fn2] for which the Program is licensed unless Licensee has contracted for global use.

(vi) For Academic and Classroom License Uses, installation of the Programs on students' own Computers is not permitted.

1.5. Total Headcount License Option

(i) The Total Headcount License Option provides for use of the Programs by a certain institution, organization, location, or other identified group of users, in accordance with the Total Academic Headcount, Total Student Headcount, and Primary and Secondary Schools License Uses described in Section 2 below.

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Transformation Program; provide access to an entire Program or a substantial portion of a Program; or enable evaluation of end-user code or expressions.

2. License Uses

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(i) Standard Licenses are available for commercial, government, or other organizational use and are restricted to Internal Operations.

(ii) The Standard License is available under any of the License Options described above except for the Total Headcount License Option.

2.2. Educational Institutions

(i) Educational Institution Licenses are available solely to degree-granting educational institutions and primary and secondary schools licensing the Programs for Academic Internal Operations.

(ii) Use rights and associated License Options are determined based on the type of License acquired: Academic, Classroom, Total Academic Headcount, Total Student Headcount, or Primary and Secondary Schools.

(iii) Technical support and installation support are available for faculty and academic staff. Installation support is available for students.

2.2.1. Academic

(i) Program use is restricted to individuals listed in the definition of Academic Internal Operations (see Glossary).

(ii) The Academic License is available under any of the Individual, Designated Computer or Concurrent License Options.

2.2.2. Classroom

(i) Program use is restricted to students, instructors, and software administrators in on-campus facilities that are used solely in support of classroom instruction of students.

(ii) The Classroom License is available under either the Designated Computer or Concurrent License Option.

(iii) Research use is not permitted.

2.2.3. Total Academic Headcount

(i) Program use is restricted to all faculty, researchers, and students on institution-owned or leased Computers as well as personally-owned or leased Computers and solely under the Total Headcount License Option.

2.2.4. Total Student Headcount

(i) Program use is restricted to all students of the institution on student-owned Computers and solely under the Total Headcount License Option.

2.2.5. Primary and Secondary School

(i) Program use is restricted to all faculty, academic staff, and students of the school on teachers' Computers, school-owned Computers or student-owned Computers.

(ii) Primary and Secondary School Licenses are available solely to primary and secondary schools under the Total Headcount License Option.

(iii) Each Primary and Secondary School License is limited to a single physical address.

2.3. Student

(i) Student Licenses may be licensed by students enrolled in degree-granting educational institutions, or primary and secondary schools, or those participating in a continuing education program at a degree-granting educational institution. A Licensee may use the Programs only on a single physical (not virtual) Computer owned or leased by the student.

(ii) A Student License may also be licensed by teachers at primary and secondary schools for course preparation and teaching, and the Student License may be installed on the teacher's own Computer or school-owned Computers.

(iii) A Student License may not be used for activities that are commercial, for profit, professional (except for primary and secondary school teachers using the License for the purpose of teaching at such schools), government, or revenue-generating.

(iv) The Programs may only be accessible to, and used by, the Licensee.

(v) Technical support for Student Licensees is limited to installation support.

(vi) A Student License is not transferable.

(vii) Returns and refunds of Student License purchases are subject to the refund policies at the time and point of purchase.

2.4. Home

(i) A Home License may be licensed by an individual and may be used only for personal use. A Home License may not be used for activities that are commercial, for profit, professional, academic, government, or revenue-generating.

(ii) A Licensee of a Home License may use the Programs only on a single physical (not virtual) Computer owned or leased by the Licensee.

(iii) The Programs may only be accessible to, and used by, the Licensee.

(iv) Technical support for Home Licensees is limited to installation support.

(v) A Home License is not transferable.

(vi) Returns and refunds of Home License purchases are subject to the refund policies at the time and point of purchase.

3. Specific Program Use Rights

3.1. MATLAB Distributed Computing Server ("MDCS")

3.1.1. General MDCS Use Rights

Licensed Users of MDCS may run simultaneous sessions of certain Programs on one or more Computers through MDCS, subject to the restrictions below:

(i) For all License Uses except Total Academic Headcount: (1) all Programs being run on each MDCS must be controlled by the same, single License Manager, and (2) the number of simultaneous Program sessions by all Licensed Users may not exceed the number of MDCS workers licensed. (MDCS On-Demand allows you to scale the number of MDCS workers licensed. See Section 3.1.2 below for details.)

(ii) If you have a Total Academic Headcount License: (1) the Programs may be controlled by separate License Managers, and (2) the number of simultaneous Program sessions by each Licensed User may not exceed the number of MDCS workers licensed.

(iii) You must have access to a valid license to Parallel Computing Toolbox and any Programs you wish to use with MDCS in order to be able to run sessions of such Programs through MDCS. Access to the MDCS worker must be enabled through a validly licensed use of Parallel Computing Toolbox.

(iv) Access to MDCS may not be made available to any user outside the country for which MDCS is licensed, unless the Licensee has contracted for global use or is using an Educational Institution License.

(v) Access to MDCS may not be made available to any Third Party unless expressly allowed by your License Use.

3.1.2 MDCS On-Demand Use Rights

On-demand use of MDCS allows you to pay based on usage. Subject to all other restrictions in Section 3.1.1 above, Licensed Users of MDCS may also scale the number of MDCS workers on the following additional terms: (1) Licensee employs the MathWorks Hosted License Manager ("MHLM") for its license management; and (2) Licensee agrees, on behalf of its Licensed Users, to the terms of use at mathworks.com/cloudcenterandondemandtermsofuse, including the obligation to pay all MDCS on-demand fees incurred by its Licensed Users applicable to their on-demand use, if any, of MDCS workers. Any fees that may be due to any cloud providers for use of their platforms, programs, or services are separate and are the responsibility of the Licensee.

3.2. MATLAB Production Server

Licensed Users of MATLAB Production Server (MPS) are permitted to install and use MPS for the sole purpose of scheduling and running Applications generated with Licensee's validly licensed MATLAB Compiler Program, provided that the number of workers running simultaneously on one or more Computers does not exceed the number of MPS workers acquired. Licensee may make the Applications running on MPS accessible to end-users globally, including Third Parties, via a web interface, or other interface provided by Licensee, subject to the restrictions of Part Two, Section 3.1 of this document (Deployment Rights; MATLAB Compiler).

PART TWO: DEPLOYMENT RIGHTS

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Certain Programs, such as the MATLAB Compiler and the Coder Programs, generate output in the form of Source Code, Object Code, or other files and materials. For example, the MATLAB Compiler can be used to create an executable program, and MATLAB Coder and other Coder Programs can be used to generate Source Code in C and C++. Under certain circumstances described below, you are permitted to use and distribute the files, models, Applications, and Generated Forms that you create using the Programs.

Some Programs are technically prevented from being compiled, distributed, called from a web application, or used with MDCS.

All rights described below are limited by the restrictions of your License Offering, this Program Offering Guide, and the Software License Agreement.

1. Deployment Rights for User Files

You may distribute or sublicense User Files without restriction, provided that a principal purpose of the distribution or sublicense is not to replace or replicate a Program or any part of a Program and you otherwise comply with the general restrictions of the Software License Agreement and your License Offering. "User Files" are MATLAB code files, Simulink model files, MEX-files, MAT-files, VHDL-files, Verilog-files, FIG-files or P-files that you create and that do not include any

code obtained from MATLAB code files, Simulink model files, MAT-files, VHDL-files, Verilog-files, TLC-files, P-code, C/C++ files or other Source Code files supplied with the Programs.

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No further license or royalty fees shall be due to MathWorks for deployment as expressly permitted in this Section, regardless of whether the deployment is solely for your Internal Operations or to Third Parties.

3.1. MATLAB Compiler

If you license the MATLAB Compiler, you may create and deploy Applications generated by the MATLAB Compiler that meet the requirements of this Section and comply with the restrictions in the Software License Agreement.

These Applications may include compiled versions of MATLAB code files, but only as required for the Application and from Programs that you have licensed. You may also use and distribute the MATLAB Runtime together with these Applications for the sole purpose of running the Applications. However, you are prohibited from making copies of the MATLAB Runtime accessible to any Third Party separate from or for use other than with your Application, and from providing the MATLAB Runtime for service bureau or similar service use.

If you license the Parallel Computing Toolbox (PCT) and generate an Application using any functionality of the PCT, that Application may enable up to the number of workers provided by the PCT used to build the Application. End-users of your Application do not need to have a license to the PCT.

Your exercise of any of the rights granted here is subject to the restrictions in the Software License Agreement, including the following:

- i) You may not distribute any library header files.
- ii) You may not use your Application to enable access to the code generation capabilities of Programs or the capabilities of other Transformation Programs.
- iii) Your Application may not provide capability similar to the capabilities of any of Programs, or provide functionality or behavior similar to that of the MATLAB command line or scripting and programming capabilities. Your Application also may not enable evaluation of end-user code or expressions.
- iv) Your Application may not provide access to all or a substantial portion of a Program.
- v) You must include the notice "MATLAB(r). (c) 1984 - [INSERT YEAR MATLAB VERSION PUBLISHED] The MathWorks, Inc." in your Application's About Box, or similar visible location, and in the applicable documentation distributed with each copy of your Application.

vi) You may not modify or remove any proprietary notices included with Programs or Program Components.

3.2. Coder Programs

This Section discusses the deployment rights MathWorks grants you in conjunction with your license and use of the Coder Programs: 1) MATLAB Coder, 2) Simulink Coder, 3) Embedded Coder, 4) HDL Coder, 5) Filter Design HDL Coder, and 6) Simulink PLC Coder.

The Coder Programs take content that you choose to input. Depending on the Coder Program you use, the input could be a Simulink model, a Stateflow diagram, or MATLAB code. The Coder Program then converts this input to code in C/C++, VHDL/Verilog or PLC structured text. You may copy and deploy these Generated Forms for use outside of the Programs.

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3.3. Simulink Real-Time

You may use Simulink Real-Time to develop Applications that include Object Code derived from Program Components of Simulink Real-Time that are required by the Application and that have been compiled or otherwise obtained from Simulink Coder on a single development Computer, download that Application to a target Computer, and distribute that Application beyond the target Computer.

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PART THREE: TRANSFORMATION PROGRAMS

The Transformation Programs are:

MATLAB Coder

Simulink Coder

Embedded Coder

HDL Coder

GPU Coder

Filter Design HDL Coder

Simulink PLC Coder

MATLAB Compiler

MATLAB Compiler SDK

Simulink Design Verifier

Simulink Code Inspector

MATLAB Report Generator

Simulink Report Generator

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- * Ability to add new Programs[fn5]
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- * Access to prereleases of Programs that are available for pre-release
- * Add-ons and Hardware Support Packages via Add-On Explorer
- * Converting License Option[fn6]

* Transferring Programs[fn5,fn6]

* Changing country of Licensed Users or changing License to global use[fn6]

* Enhanced web access to trial licenses of Programs

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"Transformation Programs" are the Programs listed in Part Three.

FOOTNOTES

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mbox_xilinx_driver version 4.3

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getopt, getopt_long, and getopt_long_only
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gdtoa: Converting between IEEE floating point numbers and ASCII
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- 10) ./generic/regcustom.h - "Headers if any."

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A Bison parser, made by GNU Bison 2.3.

Skeleton implementation for Bison's Yacc-like parsers in C

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C LALR(1) parser skeleton written by Richard Stallman, by simplifying the original so-called "semantic" parser.

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Identify Bison output.

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This file implements the dlopen and dlsym APIs under the AIX operating system, to enable the Tcl "load" command to work. This code was provided by Jens-Uwe Mager.

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RCS: @(#) \$Id: tclLoadAix.c,v 1.6 2007/04/16 13:36:36 dkf Exp \$

Note: this file has been altered from the original in a few ways in order to work properly with Tcl.

@(#)dlfcn.c 1.7 revision of 95/08/14 19:08:38

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This file provides a replacement for the header file "dlfcn.h" on systems where dlfcn.h is missing. It's primary use is for AIX,

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RCS: @(#) \$Id: dlfcn.h,v 1.2 1998/09/14 18:39:44 stanton Exp \$

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```

Summary:

=====

This directory contains the source code for U-Boot, a boot loader for Embedded boards based on PowerPC, ARM, MIPS and several other processors, which can be installed in a boot ROM and used to initialize and test the hardware or to download and run application code.

The development of U-Boot is closely related to Linux: some parts of the source code originate in the Linux source tree, we have some header files in common, and special provision has been made to support booting of Linux images.

Some attention has been paid to make this software easily configurable and extendable. For instance, all monitor commands are implemented with the same call interface, so that it's very easy to add new commands. Also, instead of permanently adding rarely used code (for instance hardware test utilities) to the monitor, you can load and run it dynamically.

Status:

=====

In general, all boards for which a configuration option exists in the Makefile have been tested to some extent and can be considered "working". In fact, many of them are used in production systems.

In case of problems see the CHANGELOG and CREDITS files to find out who contributed the specific port. The MAINTAINERS file lists board maintainers.

Where to get help:

=====

In case you have questions about, problems with or contributions for U-Boot you should send a message to the U-Boot mailing list at

<u-boot@lists.denx.de>. There is also an archive of previous traffic on the mailing list - please search the archive before asking FAQ's. Please see <http://lists.denx.de/pipermail/u-boot> and <http://dir.gmane.org/gmane.comp.boot-loaders.u-boot>

Where to get source code:

=====

The U-Boot source code is maintained in the git repository at <git://www.denx.de/git/u-boot.git> ; you can browse it online at <http://www.denx.de/cgi-bin/gitweb.cgi?p=u-boot.git;a=summary>

The "snapshot" links on this page allow you to download tarballs of any version you might be interested in. Official releases are also available for FTP download from the <ftp://ftp.denx.de/pub/u-boot/> directory.

Pre-built (and tested) images are available from <ftp://ftp.denx.de/pub/u-boot/images/>

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Julian Seward, Cambridge, UK.

jseward@acm.org

bzip2/libbzip2 version 1.0 of 21 March 2000

This program is based on (at least) the work of:

Mike Burrows
David Wheeler
Peter Fenwick
Alistair Moffat
Radford Neal
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For more information on these sources, see the manual.

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* DNS support driver

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*

* This is a simple DNS implementation for U-Boot. It will use the first IP
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*

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bzip2/libbzip2 version 1.0 of 21 March 2000

This program is based on (at least) the work of:

Mike Burrows
David Wheeler
Peter Fenwick
Alistair Moffat
Radford Neal
Ian H. Witten
Robert Sedgewick
Jon L. Bentley

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lib/sw_services/xilffs/src/include/ffconf.h
lib/sw_services/xilffs/src/include/integer.h

```

```

/*-----*/

```

```

/ FatFs - FAT file system module R0.08a          (C)ChaN, 2010
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drivers/usb/src/xusb_sinit.c
drivers/usb/examples/xusb_cp9.c
drivers/usb/examples/xusb_cp9.h
drivers/usb/examples/xusb_dma_intr_storage.c
drivers/usb/examples/xusb_keyboard.c
drivers/usb/examples/xusb_keyboard.h
drivers/usb/examples/xusb_mouse.c
drivers/usb/examples/xusb_mouse.h
drivers/usb/examples/xusb_storage.c
drivers/usb/examples/xusb_storage.h
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```

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* @file
* API functions for name resolving

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* @file
* AutoIP Automatic LinkLocal IP Configuration
*
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*
* Author: Dominik Spies <kontakt@dspies.de>
*
* This is a AutoIP implementation for the lwIP TCP/IP stack. It aims to conform
* with RFC 3927.
*
* Please coordinate changes and requests with Dominik Spies
* <kontakt@dspies.de>
*/

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/**

* @file
* Address Resolution Protocol module for IP over Ethernet
*
* Functionally, ARP is divided into two parts. The first maps an IP address
* to a physical address when sending a packet, and the second part answers
* requests from other machines for our physical address.
*
* This implementation complies with RFC 826 (Ethernet ARP). It supports
* Gratuitous ARP from RFC3220 (IP Mobility Support for IPv4) section 4.6
* if an interface calls etharp_gratuitous(our_netif) upon address change.

```
*/
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/**
* @file
* Management Information Base II (RFC1213) objects and functions.
*
* @note the object identifiers for this MIB-2 and private MIB tree
* must be kept in sorted ascending order. This to ensure correct getnext operation.
*/
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* ppp_oe.h - PPP Over Ethernet implementation for lwIP.

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* 06-01-01 Marc Boucher <marc@mbsi.ca>

* Ported to lwIP.

*****/

/* based on NetBSD: if_pppoe.c, v 1.64 2006/01/31 23:50:15 martin Exp */

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* lwip DNS resolver header file.

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* April 2007

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* Author: Adam Dunkels <adam@sics.se>

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* Author: Dominik Spies <kontakt@dspies.de>

* This is a AutoIP implementation for the lwIP TCP/IP stack. It aims to conform
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* Please coordinate changes and requests with Dominik Spies
* <kontakt@dspies.de>

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* Author: Leon Woestenberg <leon.woestenberg@gmx.net>

```
* This is a DHCP client for the lwIP TCP/IP stack. It aims to conform
* with RFC 2131 and RFC 2132.
*
* TODO:
* - Support for interfaces other than Ethernet (SLIP, PPP, ...)
*
* Please coordinate changes and requests with Leon Woestenberg
* <leon.woestenberg@gmx.net>
*
* Integration with your code:
*
* In lwip/dhcp.h
* #define DHCP_COARSE_TIMER_SECS (recommended 60 which is a minute)
* #define DHCP_FINE_TIMER_MSECS (recommended 500 which equals TCP coarse timer)
*
* Then have your application call dhcp_coarse_tmr() and
* dhcp_fine_tmr() on the defined intervals.
*
* dhcp_start(struct netif *netif);
* starts a DHCP client instance which configures the interface by
* obtaining an IP address lease and maintaining it.
*
* Use dhcp_release(netif) to end the lease and use dhcp_stop(netif)
* to remove the DHCP client.
*
*/
```

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* This file is part of the lwIP TCP/IP stack.

*

* Author: Adam Dunkels <adam@sics.se>

*

*/

/**

* This file implements a DNS host name to IP address resolver.

* Port to lwIP from uIP

* by Jim Pettinato April 2007

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Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

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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 (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.7	2.6	2010	PSF	yes

Footnotes:

(1) GPL-compatible doesn't mean that we're distributing Python under the GPL. All Python licenses, unlike the GPL, let you distribute a modified version without making your changes open source. The

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- (2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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