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1.10 jquery-time-entry 2.0.1 1.10.1 Available under license :

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1.11 json-in-javascript 2010-11-17 1.11.1 Available under license :

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This file creates a global JSON object containing two methods: stringify

and parse.

JSON.stringify(value, replacer, space)

value any JavaScript value, usually an object or array.

replacer an optional parameter that determines how object

values are stringified for objects. It can be a

function or an array of strings.

space an optional parameter that specifies the indentation of nested structures. If it is omitted, the text will be packed without extra whitespace. If it is a number, it will specify the number of spaces to indent at each level. If it is a string (such as '\t' or ' '), it contains the characters used to indent at each level.

This method produces a JSON text from a JavaScript value.

When an object value is found, if the object contains a toJSON method, its toJSON method will be called and the result will be stringified. A toJSON method does not serialize: it returns the value represented by the name/value pair that should be serialized, or undefined if nothing should be serialized. The toJSON method will be passed the key associated with the value, and this will be bound to the value

For example, this would serialize Dates as ISO strings.

Date.prototype.toJSON = function (key) {

function f(n) {

// Format integers to have at least two digits.

return this.getUTCFullYear() + '-' + f(this.getUTCMonth() + 1) + '-' + f(this.getUTCDate()) + 'T' + f(this.getUTCHours()) + ':' + f(this.getUTCMinutes()) + ':' + f(this.getUTCSeconds()) + 'Z';

};

}

You can provide an optional replacer method. It will be passed the key and value of each member, with this bound to the containing object. The value that is returned from your method will be serialized. If your method returns undefined, then the member will be excluded from the serialization.

If the replacer parameter is an array of strings, then it will be used to select the members to be serialized. It filters the results such that only members with keys listed in the replacer array are stringified.

Values that do not have JSON representations, such as undefined or functions, will not be serialized. Such values in objects will be dropped; in arrays they will be replaced with null. You can use a replacer function to replace those with JSON values. JSON.stringify(undefined) returns undefined.

The optional space parameter produces a stringification of the value that is filled with line breaks and indentation to make it easier to read.

If the space parameter is a non-empty string, then that string will be used for indentation. If the space parameter is a number, then the indentation will be that many spaces.

Example:

text = JSON.stringify(['e', {pluribus: 'unum'}]);

// text is '["e",{"pluribus":"unum"}]'

text = JSON.stringify(['e', {pluribus: 'unum'}], null, '\t');

// text is '[\n\t"e",\n\t{\n\t\t"pluribus": "unum"\n\t}\n]'

text = JSON.stringify([new Date()], function (key, value) {

return this[key] instanceof Date ?

'Date(' + this[key] + ')' : value;

```
});
```

// text is '["Date(---current time---)"]'

JSON.parse(text, reviver)

This method parses a JSON text to produce an object or array.

It can throw a SyntaxError exception.

The optional reviver parameter is a function that can filter and transform the results. It receives each of the keys and values, and its return value is used instead of the original value. If it returns what it received, then the structure is not modified. If it returns undefined then the member is deleted.

Example:

// Parse the text. Values that look like ISO date strings will

// be converted to Date objects.

myData = JSON.parse(text, function (key, value) {

var a;

if (typeof value === 'string') {

a =

 $\label{eq:lasses} $$ /^(d{4})-(d{2})-(d{2})T(d{2}):(d{2}$

```
if (a) {
       return new Date(Date.UTC(+a[1], +a[2] - 1, +a[3], +a[4],
          +a[5], +a[6]));
     }
  }
  return value;
});
myData = JSON.parse('["Date(09/09/2001)"]', function (key, value) {
  var d;
  if (typeof value === 'string' &&
       value.slice(0, 5) === 'Date(' &&
       value.slice(-1) === ')') {
    d = new Date(value.slice(5, -1));
    if (d) {
       return d;
     }
  }
  return value;
});
```

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1.13 blink 79.0.3945.130-r0

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1.14 libvorbis 1.3.6

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1.15 libxml 2.9.9

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1.16 protobuf 3.3.0

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1.17 jquery 3.4.1

1.18 v8 6.9.427.32

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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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Release	Derive	ed Ye	ar	Owne	r GPL-
from				comp	atible? (1)
0.9.0 thru 1.2		1991-	1995	CWI	yes
1.3 thru 1.5.2 1.2		1995	5-1999	O CNE	RI yes
1.6	1.5.2	2000	CN	RI	no
2.0	1.6	2000	BeC	Open.co	om no
1.6.1	1.6	2001	CN	RI	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	
2.1.2	2.1.1	2002	PSF	yes	
2.1.3	2.1.2	2002	PSF	yes	
2.2 and ab	ove 2.1.	1 2001	-now	PSF	yes

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Written by:Philip HazelEmail local part:ph10Email domain:cam.ac.uk

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1.19 highcharts-draggable-points 2.0.2

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1.20 libjpeg 6b

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DOCUMENTATION ROADMAP

This file contains the following sections:

OVERVIEWGeneral description of JPEG and the IJG software.LEGAL ISSUESCopyright, lack of warranty, terms of distribution.REFERENCESWhere to learn more about JPEG.ARCHIVE LOCATIONSWhere to find newer versions of this software.RELATED SOFTWAREOther stuff you should get.FILE FORMAT WARSSoftware *not* to get.TO DOPlans for future IJG releases.

Other documentation files in the distribution are:

User documentation:

install.doc How to configure and install the IJG software.usage.doc Usage instructions for cjpeg, djpeg, jpegtran,

rdjpgcom, and wrjpgcom.

*.1	Unix-style man pages for programs (same info as usage.doc).		
wizard.doc	Advanced usage instructions for JPEG wizards only.		
change.log	Version-to-version change highlights.		
Programmer and internal documentation:			
libjpeg.doc	How to use the JPEG library in your own programs.		
example.c	Sample code for calling the JPEG library.		
structure.do	c Overview of the JPEG library's internal structure.		
filelist.doc Road map of IJG files.			
coderules.de	c Coding style rules please read if you contribute code.		

Please read at least the files install.doc and usage.doc. Useful information can also be found in the JPEG FAQ (Frequently Asked Questions) article. See ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

If you want to understand how the JPEG code works, we suggest reading one or more of the REFERENCES, then looking at the documentation files (in roughly the order listed) before diving into the code.

OVERVIEW

This package contains C software to implement JPEG image compression and decompression. JPEG (pronounced "jay-peg") is a standardized compression method for full-color and gray-scale images. JPEG is intended for compressing "real-world" scenes; line drawings, cartoons and other non-realistic images are not its strong suit. JPEG is lossy, meaning that the output image is not exactly identical to the input image. Hence you must not use JPEG if you have to have identical output bits. However, on typical photographic images, very good compression levels can be obtained with no visible change, and remarkably high compression levels are possible if you can tolerate a low-quality image. For more details, see the references, or just experiment with various compression settings.

This software implements JPEG baseline, extended-sequential, and progressive compression processes. Provision is made for supporting all variants of these processes, although some uncommon parameter settings aren't implemented yet. For legal reasons, we are not distributing code for the arithmetic-coding variants of JPEG; see LEGAL ISSUES. We have made no provision for supporting the hierarchical or lossless processes defined in the standard.

We provide a set of library routines for reading and writing JPEG image files, plus two sample applications "cjpeg" and "djpeg", which use the library to perform conversion between JPEG and some other popular image file formats. The library is intended to be reused in other applications.

In order to support file conversion and viewing software, we have included

considerable functionality beyond the bare JPEG coding/decoding capability; for example, the color quantization modules are not strictly part of JPEG decoding, but they are essential for output to colormapped file formats or colormapped displays. These extra functions can be compiled out of the library if not required for a particular application. We have also included "jpegtran", a utility for lossless transcoding between different JPEG processes, and "rdjpgcom" and "wrjpgcom", two simple applications for inserting and extracting textual comments in JFIF files.

The emphasis in designing this software has been on achieving portability and flexibility, while also making it fast enough to be useful. In particular, the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to be reliable, portable, industrial-strength code. We do not claim to have achieved that goal in every aspect of the software, but we strive for it.

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The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable. The same holds for its supporting scripts (config.guess, config.sub, ltconfig, ltmain.sh). Another support script, install-sh, is copyright by M.I.T. but is also freely distributable.

It appears that the arithmetic coding option of the JPEG spec is covered by patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot legally be used without obtaining one or more licenses. For this reason, support for arithmetic coding has been removed from the free JPEG software. (Since arithmetic coding provides only a marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.) So far as we are aware, there are no patent restrictions on the remaining code.

The IJG distribution formerly included code to read and write GIF files.

To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

We are required to state that

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REFERENCES

We highly recommend reading one or more of these references before trying to understand the innards of the JPEG software.

The best short technical introduction to the JPEG compression algorithm is Wallace, Gregory K. "The JPEG Still Picture Compression Standard", Communications of the ACM, April 1991 (vol. 34 no. 4), pp. 30-44. (Adjacent articles in that issue discuss MPEG motion picture compression, applications of JPEG, and related topics.) If you don't have the CACM issue handy, a PostScript file containing a revised version of Wallace's article is available at ftp://ftp.uu.net/graphics/jpeg/wallace.ps.gz. The file (actually a preprint for an article that appeared in IEEE Trans. Consumer Electronics) omits the sample images that appeared in CACM, but it includes corrections and some added material. Note: the Wallace article is copyright ACM and IEEE, and it may not be used for commercial purposes.

A somewhat less technical, more leisurely introduction to JPEG can be found in "The Data Compression Book" by Mark Nelson and Jean-loup Gailly, published by M&T Books (New York), 2nd ed. 1996, ISBN 1-55851-434-1. This book provides good explanations and example C code for a multitude of compression methods including JPEG. It is an excellent source if you are comfortable reading C code but don't know much about data compression in general. The book's JPEG sample code is far from industrial-strength, but when you are ready to look at a full implementation, you've got one here...

The best full description of JPEG is the textbook "JPEG Still Image Data Compression Standard" by William B. Pennebaker and Joan L. Mitchell, published by Van Nostrand Reinhold, 1993, ISBN 0-442-01272-1. Price US\$59.95, 638 pp. The book includes the complete text of the ISO JPEG standards (DIS 10918-1 and draft DIS 10918-2). This is by far the most complete exposition of JPEG in existence, and we highly recommend it.

The JPEG standard itself is not available electronically; you must order a paper copy through ISO or ITU. (Unless you feel a need to own a certified

official copy, we recommend buying the Pennebaker and Mitchell book instead; it's much cheaper and includes a great deal of useful explanatory material.) In the USA, copies of the standard may be ordered from ANSI Sales at (212) 642-4900, or from Global Engineering Documents at (800) 854-7179. (ANSI doesn't take credit card orders, but Global does.) It's not cheap: as of 1992, ANSI was charging \$95 for Part 1 and \$47 for Part 2, plus 7% shipping/handling. The standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

Some extensions to the original JPEG standard are defined in JPEG Part 3, a newer ISO standard numbered ISO/IEC IS 10918-3 and ITU-T T.84. IJG currently does not support any Part 3 extensions.

The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, revision 1.02. A copy of the JFIF spec is available from: Literature Department C-Cube Microsystems, Inc. 1778 McCarthy Blvd. Milpitas, CA 95035 phone (408) 944-6300, fax (408) 944-6314 A PostScript version of this document is available by FTP at ftp://ftp.uu.net/graphics/jpeg/jfif.ps.gz. There is also a plain text version at ftp://ftp.uu.net/graphics/jpeg/jfif.txt.gz, but it is missing the figures.

The TIFF 6.0 file format specification can be obtained by FTP from ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems. IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from ftp.sgi.com or from ftp://ftp.uu.net/graphics/jpeg/. It is expected that the next revision of the TIFF spec will replace the 6.0 JPEG design with the Note's design. Although IJG's own code does not support TIFF/JPEG, the free libtiff library uses our library to implement TIFF/JPEG per the Note. libtiff is available from ftp://ftp.sgi.com/graphics/tiff/.

ARCHIVE LOCATIONS

The "official" archive site for this software is ftp.uu.net (Internet

address 192.48.96.9). The most recent released version can always be found there in directory graphics/jpeg. This particular version will be archived as ftp://ftp.uu.net/graphics/jpeg/jpegsrc.v6b.tar.gz. If you don't have direct Internet access, UUNET's archives are also available via UUCP; contact help@uunet.uu.net for information on retrieving files that way.

Numerous Internet sites maintain copies of the UUNET files. However, only ftp.uu.net is guaranteed to have the latest official version.

You can also obtain this software in DOS-compatible "zip" archive format from the SimTel archives (ftp://ftp.simtel.net/pub/simtelnet/msdos/graphics/), or on CompuServe in the Graphics Support forum (GO CIS:GRAPHSUP), library 12 "JPEG Tools". Again, these versions may sometimes lag behind the ftp.uu.net release.

The JPEG FAQ (Frequently Asked Questions) article is a useful source of general information about JPEG. It is updated constantly and therefore is not included in this distribution. The FAQ is posted every two weeks to Usenet newsgroups comp.graphics.misc, news.answers, and other groups. It is available on the World Wide Web at http://www.faqs.org/faqs/jpeg-faq/ and other news.answers archive sites, including the official news.answers archive at rtfm.mit.edu: ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/. If you don't have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu with body

send usenet/news.answers/jpeg-faq/part1 send usenet/news.answers/jpeg-faq/part2

RELATED SOFTWARE

Numerous viewing and image manipulation programs now support JPEG. (Quite a few of them use this library to do so.) The JPEG FAQ described above lists some of the more popular free and shareware viewers, and tells where to obtain them on Internet.

If you are on a Unix machine, we highly recommend Jef Poskanzer's free PBMPLUS software, which provides many useful operations on PPM-format image files. In particular, it can convert PPM images to and from a wide range of other formats, thus making cjpeg/djpeg considerably more useful. The latest version is distributed by the NetPBM group, and is available from numerous sites, notably ftp://wuarchive.wustl.edu/graphics/graphics/packages/NetPBM/. Unfortunately PBMPLUS/NETPBM is not nearly as portable as the IJG software is; you are likely to have difficulty making it work on any non-Unix machine.

A different free JPEG implementation, written by the PVRG group at Stanford, is available from ftp://havefun.stanford.edu/pub/jpeg/. This program is designed for research and experimentation rather than production use;

it is slower, harder to use, and less portable than the IJG code, but it is easier to read and modify. Also, the PVRG code supports lossless JPEG, which we do not. (On the other hand, it doesn't do progressive JPEG.)

FILE FORMAT WARS

Some JPEG programs produce files that are not compatible with our library. The root of the problem is that the ISO JPEG committee failed to specify a concrete file format. Some vendors "filled in the blanks" on their own, creating proprietary formats that no one else could read. (For example, none of the early commercial JPEG implementations for the Macintosh were able to exchange compressed files.)

The file format we have adopted is called JFIF (see REFERENCES). This format has been agreed to by a number of major commercial JPEG vendors, and it has become the de facto standard. JFIF is a minimal or "low end" representation. We recommend the use of TIFF/JPEG (TIFF revision 6.0 as modified by TIFF Technical Note #2) for "high end" applications that need to record a lot of additional data about an image. TIFF/JPEG is fairly new and not yet widely supported, unfortunately.

The upcoming JPEG Part 3 standard defines a file format called SPIFF. SPIFF is interoperable with JFIF, in the sense that most JFIF decoders should be able to read the most common variant of SPIFF. SPIFF has some technical advantages over JFIF, but its major claim to fame is simply that it is an official standard rather than an informal one. At this point it is unclear whether SPIFF will supersede JFIF or whether JFIF will remain the de-facto standard. IJG intends to support SPIFF once the standard is frozen, but we have not decided whether it should become our default output format or not. (In any case, our decoder will remain capable of reading JFIF indefinitely.)

Various proprietary file formats incorporating JPEG compression also exist. We have little or no sympathy for the existence of these formats. Indeed, one of the original reasons for developing this free software was to help force convergence on common, open format standards for JPEG files. Don't use a proprietary file format!

TO DO

The major thrust for v7 will probably be improvement of visual quality. The current method for scaling the quantization tables is known not to be very good at low Q values. We also intend to investigate block boundary smoothing, "poor man's variable quantization", and other means of improving quality-vs-file-size performance without sacrificing compatibility. In future versions, we are considering supporting some of the upcoming JPEG Part 3 extensions --- principally, variable quantization and the SPIFF file format.

As always, speeding things up is of great interest.

Please send bug reports, offers of help, etc. to jpeg-info@uunet.uu.net.

1.21 python-ipaddr 2.1.10

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1.22 unzip 5.52

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1.23 fancytree 2.13.0

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- *
- * More Info:
- * https://code.google.com/p/google-diff-match-patch/
- *
- * Usage: QUnit.diff(expected, actual)
- *

* QUnit.diff("the quick brown fox jumped over", "the quick fox jumps over") === "the quick brown fox jump<ins>s</ins>ed</del over"

*/

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```
* jQuery Hotkeys Plugin
```

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- *
- * Based upon the plugin by Tzury Bar Yochay:
- * http://github.com/tzuryby/hotkeys
- *

```
* Original idea by:
```

```
* Binny V A, http://www.openjs.com/scripts/events/keyboard_shortcuts/
```

*/

1.24 scrypt 1.1.6

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#

src/gzip/adler32.c src/gzip/infblock.c src/gzip/infblock.h src/gzip/infcodes.c src/gzip/infcodes.h src/gzip/inffixed.h src/gzip/inflate.c src/gzip/inftrees.c src/gzip/inftrees.h src/gzip/infutil.c src/gzip/infutil.h src/gzip/zconf.h src/gzip/zlib.h src/gzip/zutil.c src/gzip/zutil.h # src/tools/apinames.c src/tools/ftrandom/ftrandom.c # # EOF

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1.26 leveldb 1.21.0

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1.27 zlib 1.2.11

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/* zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.11, January 15th, 2017

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1.28 pcre2 10.33

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1.29 js-interpreter 0.4.1

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*

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1.37 libwebp 1.0.0

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1.40 opus 60.9.0-r0

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1.41 custom-events 1.1.10

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1.42 qt-http-server n/a

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1.51 icu 64

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-*-makefile-*-

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Commands to generate dependency files GEN_DEPS.c= \$(CC) -E -MM \$(DEFS) \$(CPPFLAGS) GEN_DEPS.cc= \$(CXX) -E -MM \$(DEFS) \$(CPPFLAGS) ## Flags for position independent code SHAREDLIBCFLAGS = -fPIC SHAREDLIBCXXFLAGS = -fPIC SHAREDLIBCPPFLAGS = -DPIC

Additional flags when building libraries and with threads THREADSCPPFLAGS = -D_REENTRANT LIBCPPFLAGS =

Compiler switch to embed a runtime search path LD_RPATH= LD_RPATH_PRE= -Wl,-rpath,

Compiler switch to embed a library name LD_SONAME = -Wl,-soname -Wl,\$(notdir \$(MIDDLE_SO_TARGET))

Shared library options LD_SOOPTIONS= -Wl,-Bsymbolic

Shared object suffix
SO = so
Non-shared intermediate object suffix
STATIC O = ao

Compilation rules
%.\$(STATIC_O): \$(srcdir)/%.c
\$(COMPILE.c) \$(STATICCPPFLAGS) \$(STATICCFLAGS) -o \$@ \$<
%.o: \$(srcdir)/%.c
\$(COMPILE.c) \$(DYNAMICCPPFLAGS) \$(DYNAMICCFLAGS) -o \$@ \$<</pre>

%.\$(STATIC_O): \$(srcdir)/%.cpp
\$(COMPILE.cc) \$(STATICCPPFLAGS) \$(STATICCXXFLAGS) -o \$@ \$<
%.o: \$(srcdir)/%.cpp
\$(COMPILE.cc) \$(DYNAMICCPPFLAGS) \$(DYNAMICCXXFLAGS) -o \$@ \$<</pre>

```
## Dependency rules
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.c) $< \
| sed '\"s/\($*\)\.o[ :]*/\1.0 $@ : /g'\" > $@; \
[ -s $@ ] || rm -f $@'
```

%.d: \$(srcdir)/%.cpp @echo "generating dependency information for \$<" @\$(SHELL) -ec '\$(GEN_DEPS.cc) \$< \ | sed '\"s/\(\$*\)\.o[:]*/\1.0 \$@ : /g'\" > \$@; \ [-s \$@] || rm -f \$@'

Versioned libraries rules

%.\$(SO).\$(SO_TARGET_VERSION_MAJOR): %.\$(SO).\$(SO_TARGET_VERSION) \$(RM) \$@ && ln -s \${<F} \$@ %.\$(SO): %.\$(SO).\$(SO_TARGET_VERSION_MAJOR) \$(RM) \$@ && ln -s \${*F}.\$(SO).\$(SO_TARGET_VERSION) \$@

Bind internal references

LDflags that pkgdata will use BIR_LDFLAGS= -Wl,-Bsymbolic

Dependencies [i.e. map files] for the final library BIR_DEPS=

Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

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