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1.11 api-i18n 1.0.0

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1.12 api-ldap-model 1.0.0

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1.14 asm 3.3.1

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1.15 asm 4.2

1.16 aspectjrt 1.8.9

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1.23 cglib 3.1

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1.25 classmate-1.3.1 1.3.1

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1.26 codegen-0.6.8 0.6.8

1.27 codemodel 2.6 :9.e17

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1.38 commons-csv 1.4

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1.49 cron-utils 6.0.1

1.50 cssparser 0.9.18

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1.51 cxf-api 2.7.11

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1.52 diffutils 1.2

1.53 dom4j 1.6.1

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1.54 easymock 3.1

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 */
```

1.69 hamcrest-core 1.3

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However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit

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- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- d) 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.
- e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major

components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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1.75 hibernate-entitymanager 4.3.11.final

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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/* Jackson JSON-processor.

*

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1.98 jandex 1.1.0.Final

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1.99 Java Persistence API, Version 2.1

1.0.0.Final

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Javassist version 3

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1.116 jboss-transaction-api_1.2_spec

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1.118 jcl-over-slf4j 1.7.21

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1.142 jquery.tag-editor 1.0.21

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1.145 json-path 2.2.0

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1.150 jul-to-slf4j 1.7.21

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1.158 lucene-core 4.10.4

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1.163 msv-core 2011.1

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1.170 oshi-core 3.4.4

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```

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*
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* widdis@gmail.com
* enrico.bianchi@gmail.com
*
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*/
/**
* [oshi-core API] Provides a cross-platform implementation to retrieve
* Operating System and Hardware Information, such as OS version, memory, CPU,
* disk, devices, sensors, etc.
*/
package oshi;
```

1.171 postgresql 9.4.1211.jre7

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1.172 prettytime 4.0.1.Final

1.173 quartz 2.2.3

1.174 querydsl-apt 4.1.4

1.175 querydsl-codegen 4.1.4

1.176 querydsl-core 4.1.4

1.177 querydsl-jpa 4.1.4

1.178 reflections 0.9.9 :RC1

1.178.1 Available under license :

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1.179 relaxngDatatype 20020414

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1.180 requirejs 2.1.14

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/*
 * $Id: Version.src 1225426 2011-12-29 04:13:08Z mrglavas $
 */
package org.apache.xalan;

/**
 * Administrative class to keep track of the version number of
 * the Xalan release.
 * <P>This class implements the upcoming standard of having
 * org.apache.project-name.Version.getVersion() be a standard way
 * to get version information. This class will replace the older
 * org.apache.xalan.processor.Version class.</P>
 * <P>See also: org/apache/xalan/res/XSLTInfo.properties for
 * information about the version of the XSLT spec we support.</P>
 * @xsl.usage general
 */
public class Version
{
```

```

/**
 * Get the basic version string for the current Xalan release.
 * Version String formatted like
 * <CODE>"<B>Xalan</B> <B>Java</B> v.r[.ddl <B>D</B>nn]"</CODE>.
 *
 * Futurework: have this read version info from jar manifest.
 *
 * @return String denoting our current version
 */
public static String getVersion()
{
    return getProduct()+" "+getImplementationLanguage()+" "
        +getMajorVersionNum()+". "+getReleaseVersionNum()+". "
        +(getDevelopmentVersionNum() > 0) ?
            ("D"+getDevelopmentVersionNum()) : (" "+getMaintenanceVersionNum());
}

/**
 * Print the processor version to the command line.
 *
 * @param argv command line arguments, unused.
 */
public static void main(String argv[])
{
    System.out.println(getVersion());
}

/**
 * Name of product: Xalan.
 */
public static String getProduct()
{
    return "Xalan";
}

/**
 * Implementation Language: Java.
 */
public static String getImplementationLanguage()
{
    return "Java";
}

/**
 * Major version number.
 * Version number. This changes only when there is a

```

```

*    significant, externally apparent enhancement from
*    the previous release. 'n' represents the n'th
*    version.
*
*    Clients should carefully consider the implications
*    of new versions as external interfaces and behaviour
*    may have changed.
*/

```

```

public static int getMajorVersionNum()
{
    return @version.VERSION@;
}

```

```

/**
* Release Number.
* Release number. This changes when:
*     - a new set of functionality is to be added, eg,
*       implementation of a new W3C specification.
*     - API or behaviour change.
*     - its designated as a reference release.
*/

```

```

public static int getReleaseVersionNum()
{
    return @version.RELEASE@;
}

```

```

/**
* Maintenance Drop Number.
* Optional identifier used to designate maintenance
* drop applied to a specific release and contains
* fixes for defects reported. It maintains compatibility
* with the release and contains no API changes.
* When missing, it designates the final and complete
* development drop for a release.
*/

```

```

public static int getMaintenanceVersionNum()
{
    return @version.MINOR@;
}

```

```

/**
* Development Drop Number.
* Optional identifier designates development drop of
* a specific release. D01 is the first development drop
* of a new release.
*
* Development drops are works in progress towards a

```

```

*   completed, final release. A specific development drop
*   may not completely implement all aspects of a new
*   feature, which may take several development drops to
*   complete. At the point of the final drop for the
*   release, the D suffix will be omitted.
*
*   Each 'D' drops can contain functional enhancements as
*   well as defect fixes. 'D' drops may not be as stable as
*   the final releases.
*/
public static int getDevelopmentVersionNum()
{
    try {
        if ((new String("@version.DEVELOPER@")).length() == 0)
            return 0;
        else
            return Integer.parseInt("@version.DEVELOPER@");
    } catch (NumberFormatException nfe) {
        return 0;
    }
}
}
}

```

1.183 sero-scheduler 1.0.0

1.183.1 Available under license :

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1.184 sero-warp 1.0.0

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Version 2.0

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1.185 shortpasta-icmp 1.0.0

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```
package org.shortpasta.icmp2;

import org.shortpasta.icmp2.platform.NativeBridge;
import org.shortpasta.icmp2.platform.windows.WindowsNativeBridge;
import org.shortpasta.icmp2.platform.java.JavaNativeBridge;
import org.shortpasta.icmp2.platform.linux.LinuxNativeBridge;

import com.sun.jna.Platform;

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Starting Sunday 5/25/2014, shortpasta-icmp development is limited to bug fixes!
shortpasta-icmp builds 1000-1006 are available here:
<https://sourceforge.net/projects/shortpasta-icmp/files/>

shortpasta-icmp2, the 2nd generation implementation of shorpasta-icmp, has now moved to its own project: icmp4j!
<https://sourceforge.net/projects/shortpasta-icmp/files/>
icmp4j is also hosted on sf.net - thanks sf.net!

Check-out icmp4j directly:
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*/

###

Project details

###

Compilers:

Java code built with Sun Java 1.7.0_55-b13, but compiled for 1.6

Apache Ant 1.9.2

Binaries:

jna-3.5.1.jar (677 KB)

platform-3.5.1.jar (931 KB)

shortpasta-icmp2.jar (23 KB)

Tested platforms:

Windows 8.1 64-bit
Windows Server 2008r2 64-bit
Windows 7 Pro 64-bit (ver 6.1.7601)
Windows XP Pro 32-bit
Debian 6

Running from the command line:

1. Expand shortpasta-icmp2-1013.zip to c:\temp
2. cmd
3. cd C:\temp\shortpasta-icmp2\lib
4. java -cp * org.shortpasta.icmp2.tool.Ping www.google.com
-or, if the above does not work:
4. java -cp jna-3.5.1.jar;platform-3.5.1.jar;shortpasta-icmp2.jar org.shortpasta.icmp2.tool.Ping www.google.com

Sample code:

```
import org.shortpasta.icmp2.IcmpPingUtil;  
import org.shortpasta.icmp2.IcmpPingRequest;  
import org.shortpasta.icmp2.IcmpPingResponse;
```

```
// request - use IcmpPingUtil.createIcmpPingRequest () to create a request with defaults  
final IcmpPingRequest request = IcmpPingUtil.createIcmpPingRequest ();  
request.setHost ("www.google.com");
```

```
// delegate  
final IcmpPingResponse response = IcmpPingUtil.executePingRequest (request);
```

```
// log  
final String formattedResponse = IcmpPingUtil.formatResponse (response);  
System.out.println (formattedResponse);
```

```
###
```

```
### Date: 2014-05-25 14:43:00
```

```
### Build: 1015
```

```
###
```

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icmp4j is also hosted on sf.net - thanks sf.net!

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<https://sourceforge.net/projects/icmp4j/>

```
###
```

```
### Date: 2014-04-25 10:34:00
```

```

### Build: 1014
###
-- [FEATURE]
Add explicit timeout support
Te Windows implementation relies on the native OS call, and it seems to report the timeout a few msec before
the actual timeout. For example, pinging a non-existing domain with a timeout of 5000, came back yielded
a timeout after 4935, 4996, 4996, and 4997 msec instead of 5000.
The Linux/Solaris/Other implementations use an explicit timer on the Java side.

-- [FEATURE]
Add several preconditions and postcondition checks in IcmpPingUtil.executePingRequest (request);

-- [FEATURE]
Add auto initialization: when you invoke IcmpPingUtil.executePingRequest (), it initializes the subsystem.
However, if the initialization fails for any reason, such as winsock2 is not available, you will receive
an exception, so you may still want to call the following at app startup so that you are guaranteed
that the icmp functions are available:
    IcmpPingUtil.initialize ();
Likewise, you can call the following at app tear-down, but it is not required:
    IcmpPingUtil.destroy ();

###
### Date: 2014-04-23 16:20:00
### Build: 1014
###
-- [FEATURE]
Add Linux/Solaris support
See the LinuxNativeBridge class, which executes the following command:
    ping -c 1 -s 32 -w 5 www.google.com
This command sends 1 packet of size 32 with a timeout of 5 seconds

-- [FEATURE]
Add unspecified OS support
If the OS is not Windows/Linux/Solaris, shortpasta-icmp2 uses Java default process
See the JavaNativeBridge class, which delegates to InetAddress.isReachable ().

-- Credits
Kevin Shih
    Help with testing and integration

###
### TODOs
###
Look into IcmpSendEcho2Ex so that we can specify the source ip address, which indirectly lets you specify the
interface:
http://msdn.microsoft.com/en-us/library/windows/desktop/bb309069\(v=vs.85\).aspx
Sample c# code by Jason Harrop:
https://github.com/plutext/PlotPing/commit/5e468bb388c42bd1cd565a913808462132db5039

```

###

Date: 2014-04-23 13:00:00

Build: 1013

###

-- [WARNING]

In build 1013, shortpasta-icmp is now deprecated and replaced by shortpasta-icmp2.

About shortpasta-icmp:

is a very small java wrapper around a small native implementation for win32 and uses JNI.

Jar + Win32 DLL.

Stand-alone and small footprint: shortpasta-icmp.jar (47k) + shortpasta-icmp-win32.dll (68k release) + shortpasta-icmp-win64.dll

Stand-alone project: build with Java 1.6 and Ant 1.7, native code built with VCPP6

Uses real ICMP sockets via native calls which offers very accurate delay calcs

Why not use jna or other wrappers? They usually come with larger payloads. Still very good options for apps where size is not a concern

Unit tested including simulations of millions of packets

Extremely accurate timing via QueryPerformanceFrequency () and QueryPerformanceCounter () with fallback to GetTickCount ()

Log4J support

Asynchronous ping support

Standalone sping.exe with /xml option to output results in xml

About shortpasta-icmp2:

Very small java wrapper around the native win32 methods and uses JNA to access them.

So although shortpasta-icmp2 is only 25 KB, it requires 1,608 KB worth of jna jars to execute.

If this is not acceptable to you, use build 1006.

-- [FEATURE]

Add blocking call:

 IcmpPingResponse org.shortpasta.icmp2.IcmpUtil.executePingRequest (IcmpPingRequest).

This implementation uses:

1. JNA to invoke native methods
2. winsock 2.0
3. IcmpSendEcho instead of the raw socket () / bind () / send () family of methods

-- Credits

Kevin Shih

 Help with testing and integration

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 Version 3, 29 June 2007

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1.186 slf4j-api 1.7.21

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1.187 snakeyaml 1.17

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1.188 snmp4j 2.4.2

1.189 Spring Aspects 4.3.3.RELEASE

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1.190 spring beans 4.3.3

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Wed, 2010-03-31 14:02 administrator

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1.239 swagger-models 1.5.3

1.240 tcl 8.5.12

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1.244 tomcat-embed-el 8.0.33

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Version 2.1, February 1999

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1.266 xpp3_min 1.1.4c

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*/

```

1.267 xsdlib 2010.1

1.268 xstream 1.4.7

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1.269 zlib 1.2.3

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```
/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.3, July 18th, 2005
```

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jloup@gzip.org madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://www.ietf.org/rfc/rfc1950.txt> (zlib format), [rfc1951.txt](http://www.ietf.org/rfc/rfc1951.txt) (deflate format) and [rfc1952.txt](http://www.ietf.org/rfc/rfc1952.txt) (gzip format).

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