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ASM: a very small and fast Java bytecode manipulation framework

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1.10 jakarta xml bind api 2.3.2

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1.11 jcl-over-slf4j 1.7.2

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 */
```

```
package org.apache.commons.logging;
```

```
/**
 * <p>A simple logging interface abstracting logging APIs. In order to be
 * instantiated successfully by { @link LogFactory }, classes that implement
 * this interface must have a constructor that takes a single String
 * parameter representing the "name" of this Log.</p>
 *
 * <p>The six logging levels used by <code>Log</code> are (in order):
 * <ol>
 * <li>trace (the least serious)</li>
 * <li>debug</li>
 * <li>info</li>
 * <li>warn</li>
 * <li>error</li>
 * <li>fatal (the most serious)</li>
 * </ol>
 *
 * The mapping of these log levels to the concepts used by the underlying
 * logging system is implementation dependent.
 */
```

* The implementation should ensure, though, that this ordering behaves
 * as expected.</p>
 *
 * <p>Performance is often a logging concern.
 * By examining the appropriate property,
 * a component can avoid expensive operations (producing information
 * to be logged).</p>
 *
 * <p> For example,
 * <code><pre>
 * if (log.isDebugEnabled()) {
 * ... do something expensive ...
 * log.debug(theResult);
 * }
 * </pre></code>
 * </p>
 *
 * <p>Configuration of the underlying logging system will generally be done
 * external to the Logging APIs, through whatever mechanism is supported by
 * that system.</p>
 *
 * <p style="color: #E40; font-weight: bold;">Please note that this interface is identical to that found in JCL
 1.1.1.</p>
 *
 * @author Scott Sanders
 * @author Rod Waldhoff
 * @version \$Id: Log.java,v 1.19 2004/06/06 21:16:04 rdonkin Exp \$
 */
 public interface Log {

// ----- Logging Properties

/**
 * <p> Is debug logging currently enabled? </p>
 *
 * <p> Call this method to prevent having to perform expensive operations
 * (for example, <code>String</code> concatenation)
 * when the log level is more than debug. </p>
 */
 public boolean isDebugEnabled();

/**
 * <p> Is error logging currently enabled? </p>
 *
 * <p> Call this method to prevent having to perform expensive operations

```

* (for example, <code>String</code> concatenation)
* when the log level is more than error. </p>
*/
public boolean isErrorEnabled();

/**
 * <p> Is fatal logging currently enabled? </p>
 *
 * <p> Call this method to prevent having to perform expensive operations
 * (for example, <code>String</code> concatenation)
 * when the log level is more than fatal. </p>
 */
public boolean isFatalEnabled();

/**
 * <p> Is info logging currently enabled? </p>
 *
 * <p> Call this method to prevent having to perform expensive operations
 * (for example, <code>String</code> concatenation)
 * when the log level is more than info. </p>
 *
 * @return true if info enabled, false otherwise
 */
public boolean isInfoEnabled();

/**
 * <p> Is trace logging currently enabled? </p>
 *
 * <p> Call this method to prevent having to perform expensive operations
 * (for example, <code>String</code> concatenation)
 * when the log level is more than trace. </p>
 *
 * @return true if trace enabled, false otherwise
 */
public boolean isTraceEnabled();

/**
 * <p> Is warn logging currently enabled? </p>
 *
 * <p> Call this method to prevent having to perform expensive operations
 * (for example, <code>String</code> concatenation)
 * when the log level is more than warn. </p>
 */
public boolean isWarnEnabled();

```

```
// ----- Logging Methods
```

```
/**  
 * <p> Log a message with trace log level. </p>  
 *  
 * @param message log this message  
 */  
public void trace(Object message);
```

```
/**  
 * <p> Log an error with trace log level. </p>  
 *  
 * @param message log this message  
 * @param t log this cause  
 */  
public void trace(Object message, Throwable t);
```

```
/**  
 * <p> Log a message with debug log level. </p>  
 *  
 * @param message log this message  
 */  
public void debug(Object message);
```

```
/**  
 * <p> Log an error with debug log level. </p>  
 *  
 * @param message log this message  
 * @param t log this cause  
 */  
public void debug(Object message, Throwable t);
```

```
/**  
 * <p> Log a message with info log level. </p>  
 *  
 * @param message log this message  
 */  
public void info(Object message);
```

```
/**
```



```
* <p> Log an error with info log level. </p>
*
* @param message log this message
* @param t log this cause
*/
public void info(Object message, Throwable t);
```

```
/**
 * <p> Log a message with warn log level. </p>
 *
 * @param message log this message
 */
public void warn(Object message);
```

```
/**
 * <p> Log an error with warn log level. </p>
 *
 * @param message log this message
 * @param t log this cause
 */
public void warn(Object message, Throwable t);
```

```
/**
 * <p> Log a message with error log level. </p>
 *
 * @param message log this message
 */
public void error(Object message);
```

```
/**
 * <p> Log an error with error log level. </p>
 *
 * @param message log this message
 * @param t log this cause
 */
public void error(Object message, Throwable t);
```

```
/**
 * <p> Log a message with fatal log level. </p>
 *
 * @param message log this message
 */
public void fatal(Object message);
```

```
/**
 * <p> Log an error with fatal log level. </p>
 *
 * @param message log this message
 * @param t log this cause
 */
public void fatal(Object message, Throwable t);

}
```

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1.19 log4j-over-slf4j 1.7.2

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 */

package org.apache.log4j;

import org.apache.log4j.spi.Filter;
import org.apache.log4j.spi.ErrorHandler;
import org.apache.log4j.spi.Layout;
import org.apache.log4j.spi.LoggingEvent;

/**
 * Implement this interface for your own strategies for outputting log
 * statements.
 *
 * @author Ceki G&uuml;lc&uuml;
 */
public interface Appender {

    /**
     * Add a filter to the end of the filter list.
     *
     * @since 0.9.0
     */
}
```

```

void addFilter(Filter newFilter);

/**
 * Returns the head Filter. The Filters are organized in a linked list
 * and so all Filters on this Appender are available through the result.
 *
 * @return the head Filter or null, if no Filters are present
 * @since 1.1
 */
public Filter getFilter();

/**
 * Clear the list of filters by removing all the filters in it.
 *
 * @since 0.9.0
 */
public void clearFilters();

/**
 * Release any resources allocated within the appender such as file
 * handles, network connections, etc.
 *
 * <p/>
 * <p>It is a programming error to append to a closed appender.
 *
 * @since 0.8.4
 */
public void close();

/**
 * Log in <code>Appender</code> specific way. When appropriate,
 * Loggers will call the <code>doAppend</code> method of appender
 * implementations in order to log.
 */
public void doAppend(LoggingEvent event);

/**
 * Get the name of this appender. The name uniquely identifies the
 * appender.
 */
public String getName();

/**
 * Set the {@link ErrorHandler} for this appender.
 *
 * @since 0.9.0
 */

```

```

public void setErrorHandler(ErrorHandler errorHandler);

/**
 * Returns the { @link ErrorHandler } for this appender.
 *
 * @since 1.1
 */
public ErrorHandler getErrorHandler();

/**
 * Set the { @link Layout } for this appender.
 *
 * @since 0.8.1
 */
public void setLayout(Layout layout);

/**
 * Returns this appenders layout.
 *
 * @since 1.1
 */
public Layout getLayout();

/**
 * Set the name of this appender. The name is used by other
 * components to identify this appender.
 *
 * @since 0.8.1
 */
public void setName(String name);

/**
 * Configurators call this method to determine if the appender
 * requires a layout. If this method returns true,
 * meaning that layout is required, then the configurator will
 * configure an layout using the configuration information at its
 * disposal. If this method returns false, meaning that
 * a layout is not required, then layout configuration will be
 * skipped even if there is available layout configuration
 * information at the disposal of the configurator..
 * <p/>
 * <p>In the rather exceptional case, where the appender
 * implementation admits a layout but can also work without it, then
 * the appender should return true.
 *
 * @since 0.8.4
 */

```

```
public boolean requiresLayout();  
}
```

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1.20 checker-qual 2.5.2

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1.21 jackson-dataformat-xml 2.10.2

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1.22 tiger-types 1.4

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1.26 commons-pool 1.3

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1.27 xsdlib 2013.6.1

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1.28 rally-rest-api 2.2.1

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1.29 httpcomponents-mime 4.3.1

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1.30 genson 1.4

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1.36 jackson-jaxrs-json-provider 2.10.2

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1.37 poi 4.1.2

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Bouncy Castle library (bcprov-*.jar, bcpkg-*.jar, bcpkix-*.jar)

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JUnit test library (junit-4.*.jar) & JaCoCo (*jacoco*)

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From network_io/unix/inet_ntop.c, network_io/unix/inet_pton.c:

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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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* file name: UBiDiProps.java

* encoding: US-ASCII

* tab size: 8 (not used)

* indentation:4

*

* created on: 2005jan16

* created by: Markus W. Scherer
*
* Low-level Unicode bidi/shaping properties access.
* Java port of ubidi_props.h/c.

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<code>Replaceable</code> is an interface representing a string of characters that supports the replacement of a range of itself with a new string of characters. It is used by APIs that change a piece of text while retaining metadata. Metadata is data other than the Unicode characters returned by `char32At()`. One example of metadata is style attributes; another is an edit history, marking each character with an author and revision number.

<p>An implicit aspect of the <code>Replaceable</code> API is that during a replace operation, new characters take on the metadata of the old characters. For example, if the string "the bold font" has range (4, 8) replaced with "strong", then it becomes "the strong font".

<p><code>Replaceable</code> specifies ranges using a start offset and a limit offset. The range of characters thus specified includes the characters at offset `start..limit-1`. That is, the start offset is inclusive, and the limit offset is exclusive.

<p><code>Replaceable</code> also includes API to access characters in the string: <code>length()</code>, <code>charAt()</code>, <code>char32At()</code>, and <code>extractBetween()</code>.

<p>For a subclass to support metadata, typical behavior of <code>replace()</code> is the following:

Set the metadata of the new text to the metadata of the first character replaced

If no characters are replaced, use the metadata of the previous character

If there is no previous character (i.e. `start == 0`), use the

following character

If there is no following character (i.e. the replaceable was empty), use default metadata

If the code point U+FFFF is seen, it should be interpreted as a special marker having no metadata

If this is not the behavior, the subclass should document any differences.

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@author Alan Liu

@stable ICU 2.0

<code>ReplaceableString</code> is an adapter class that implements the <code>Replaceable</code> API around an ordinary <code>StringBuffer</code>.

<p>Note: This class does not support attributes and is not intended for general use. Most clients will need to implement { @link Replaceable } in their text representation class.

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@see Replaceable

@author Alan Liu

@stable ICU 2.0

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*/
```

```
package java.security;
```

```
import java.io.Serializable;
```

```
/**  
 * Legacy security code; do not use.  
 */  
public abstract class Permission implements Guard, Serializable {  
    public Permission(String name) { }  
  
    public final String getName() { return null; }  
  
    public void checkGuard(Object obj) throws SecurityException { }  
  
    public PermissionCollection newPermissionCollection() {
```

```
    return new AllPermissionCollection();
}

public abstract String getActions();

public abstract boolean implies(Permission permission);
}
```

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1.46 jackson-jaxrs-base 2.10.2

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1.47 javax-mail-api 1.4

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1.52 jackson-databind 2.10.2

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It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

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1.55 commons-lang 3.4

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* <https://github.com/eclipse-ee4j/jaf>

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1.69 error-prone-annotations 2.2.0

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1.70 commons-lang 3.8.1

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1.71 jackson-annotations 2.10.2

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1.73 xml-beans 3.1.0

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1.83 woodstox-core 6.0.3

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1.86 jersey-guava 2.24

1.87 jackson-module-jaxb-annotations 2.10.2

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1.88 jersey-test-framework-provider-jdk-http

2.22.1

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