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## 1.19 hibernate-validator 5.0.1.Final

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## 1.20 commons-pool 1.6

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# 1.21 aspectj-weaver 1.8.6

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 * Adrian Colyer Initial implementation  
 * *****/  
package org.aspectj.internal.lang.reflect;  
  
import java.lang.reflect.Method;  
import java.lang.reflect.Type;  
  
import org.aspectj.lang.annotation.AdviceName;  
import org.aspectj.lang.reflect.Advice;  
import org.aspectj.lang.reflect.AdviceKind;  
import org.aspectj.lang.reflect.AjType;  
import org.aspectj.lang.reflect.AjTypeSystem;  
import org.aspectj.lang.reflect.PointcutExpression;  
  
/**  
 * @author colyer  
 *  
 */  
public class AdviceImpl implements Advice {  
  
    private static final String AJC_INTERNAL = "org.aspectj.runtime.internal";  
  
    private final AdviceKind kind;  
    private final Method adviceMethod;  
    private PointcutExpression pointcutExpression;  
    private boolean hasExtraParam = false;  
    private Type[] genericParameterTypes;  
    private AjType[] parameterTypes;  
    private AjType[] exceptionTypes;  
  
    protected AdviceImpl(Method method, String pointcut, AdviceKind type) {  
        this.kind = type;  
        this.adviceMethod = method;  
        this.pointcutExpression = new PointcutExpressionImpl(pointcut);  
    }  
}
```

```

protected AdviceImpl(Method method, String pointcut, AdviceKind type, String extraParamName) {
    this(method,pointcut,type);
    this.hasExtraParam = true;
}

```

```

public AjType getDeclaringType() {
    return AjTypeSystem.getAjType(adviceMethod.getDeclaringClass());
}

```

```

public Type[] getGenericParameterTypes() {
    if (this.genericParameterTypes == null) {
        Type[] genTypes = adviceMethod.getGenericParameterTypes();
        int syntheticCount = 0;
        for (Type t : genTypes) {
            if (t instanceof Class) {
                if (((Class)t).getPackage().getName().equals(AJC_INTERNAL)) syntheticCount++;
            }
        }
        this.genericParameterTypes = new Type[genTypes.length - syntheticCount];
        for (int i = 0; i < genericParameterTypes.length; i++) {
            if (genTypes[i] instanceof Class) {
                this.genericParameterTypes[i] = AjTypeSystem.getAjType((Class<?>)genTypes[i]);
            } else {
                this.genericParameterTypes[i] = genTypes[i];
            }
        }
    }
    return this.genericParameterTypes;
}

```

```

public AjType<?>[] getParameterTypes() {
    if (this.parameterTypes == null) {
        Class<?>[] ptypes = adviceMethod.getParameterTypes();
        int syntheticCount = 0;
        for (Class<?> c : ptypes) {
            if (c.getPackage().getName().equals(AJC_INTERNAL)) syntheticCount++;
        }
        this.parameterTypes = new AjType<?>[ptypes.length - syntheticCount];
        for (int i = 0; i < parameterTypes.length; i++) {
            this.parameterTypes[i] = AjTypeSystem.getAjType(ptypes[i]);
        }
    }
    return this.parameterTypes;
}

```

```

public AjType<?>[] getExceptionTypes() {
    if (this.exceptionTypes == null) {

```

```

Class<?>[] exTypes = adviceMethod.getExceptionTypes();
this.exceptionTypes = new AjType<?>[exTypes.length];
for (int i = 0; i < exTypes.length; i++) {
    this.exceptionTypes[i] = AjTypeSystem.getAjType(exTypes[i]);
}
}
return this.exceptionTypes;
}

public AdviceKind getKind() {
    return kind;
}

public String getName() {
    String adviceName = adviceMethod.getName();
    if (adviceName.startsWith("ajc$")) {
        adviceName = "";
        AdviceName name = adviceMethod.getAnnotation(AdviceName.class);
        if (name != null) adviceName = name.value();
    }
    return adviceName;
}

public PointcutExpression getPointcutExpression() {
    return pointcutExpression;
}

public String toString() {
    StringBuffer sb = new StringBuffer();
    if (getName().length() > 0) {
        sb.append("@AdviceName(\"");
        sb.append(getName());
        sb.append("\") ");
    }
    if (getKind() == AdviceKind.AROUND) {
        sb.append(adviceMethod.getGenericReturnType().toString());
        sb.append(" ");
    }
    switch(getKind()) {
        case AFTER:
            sb.append("after(");
            break;
        case AFTER_RETURNING:
            sb.append("after(");
            break;
        case AFTER_THROWING:
            sb.append("after(");
            break;
    }
}

```

```

case AROUND:
    sb.append("around(");
    break;
case BEFORE:
    sb.append("before(");
    break;
}
AjType<?>[] ptypes = getParameterTypes();
int len = ptypes.length;
if (hasExtraParam) len--;
for (int i = 0; i < len; i++) {
    sb.append(ptypes[i].getName());
    if (i+1 < len) sb.append(",");
}
sb.append(" ");
switch(getKind()) {
case AFTER_RETURNING:
    sb.append("returning");
    if (hasExtraParam) {
        sb.append("(");
        sb.append(ptypes[len-1].getName());
        sb.append(" ");
    }
case AFTER_THROWING:
    sb.append("throwing");
    if (hasExtraParam) {
        sb.append("(");
        sb.append(ptypes[len-1].getName());
        sb.append(" ");
    }
default: // no-op
}
AjType<?>[] exTypes = getExceptionTypes();
if (exTypes.length > 0) {
    sb.append("throws ");
    for (int i = 0; i < exTypes.length; i++) {
        sb.append(exTypes[i].getName());
        if (i+1 < exTypes.length) sb.append(",");
    }
    sb.append(" ");
}
sb.append(": ");
sb.append(getPointcutExpression().asString());
return sb.toString();
}
}

```

# 1.22 mybatis 3.5.6

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## 1.31 httpclient 4.5.13

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# 1.32 joda-time 2.8.2

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# 1.34 jasypt 1.9.2

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## 1.36 spring-framework 4.3.29

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## 1.37 jcl-over-slf4j 1.7.1

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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 <a href="mailto:sanders@apache.org">Scott Sanders</a>  
 \* @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>
 */
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>
 */
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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orm\_2\_0-xsd.rsrc - included in the openjpa jar, taken from:  
[http://java.sun.com/xml/ns/persistence/orm\\_2\\_0.xsd](http://java.sun.com/xml/ns/persistence/orm_2_0.xsd)  
persistence-xsd.rsrc - included in the openjpa jar, taken from:  
[http://java.sun.com/xml/ns/persistence/persistence\\_1\\_0.xsd](http://java.sun.com/xml/ns/persistence/persistence_1_0.xsd)  
persistence\_2\_0-xsd.rsrc - included in the openjpa jar, taken from:  
[http://java.sun.com/xml/ns/persistence/persistence\\_2\\_0.xsd](http://java.sun.com/xml/ns/persistence/persistence_2_0.xsd)  
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## 1.43 el-api 2.2

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## 1.46 json-lib 2.4

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