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1.10 bctsp-jdk15 1.46

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1.12 spring-framework 4.3.29

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1.18 jcl-over-slf4j 1.7.1

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 */

package org.apache.commons.logging;

/**
 * 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>
 *
 * 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>
 *
 * 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>
* 
*<p>@author <a href="mailto:sanders@apache.org">Scott Sanders</a></p>
*<p>@author Rod Waldhoff</p>
*<p>@version $Id: Log.java,v 1.19 2004/06/06 21:16:04 rdonkin Exp $</p>
*/

class 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();

  /**
   */

public boolean isFatalEnabled();

/**
 * <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 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 info. </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>
 *<p> @param message log this message
 */
public void trace(Object message);
/**
 * 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);

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

/**
 * 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);

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

/**
 * 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);

/**
 * Log a message with warn log level. </p>
 *

public void warn(Object message);

public void warn(Object message, Throwable t);

public void error(Object message);

public void error(Object message, Throwable t);

public void fatal(Object message);

public void fatal(Object message, Throwable t);
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 *
 * Contributors:
 * Adrian ColyerInitial 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 static final String AIC_INTERNAL = "org.aspectj.runtime.internal";

private final AdviceKind kind;

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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 (genericParameterTypes[i] instanceof Class) {
                this.genericParameterTypes[i] = AjTypeSystem.getAjType((Class<?>)genericParameterTypes[i]);
            } else {
                this.genericParameterTypes[i] = genericParameterTypes[i];
            }
        }
    }
    return this.genericParameterTypes;
}

public AjType<?>[] getParameterTypes() {
    if (this.parameterTypes == null) {
        Class<?>[] ptypes = adviceMethod.getParameterTypes();
        int syntheticCount = 0;
        for(Class<?> c : ptypes) {
            if (c instanceof Class) {
                if (((Class)c).getPackage().getName().equals(AJC_INTERNAL)) syntheticCount++;
            }
        }
        this.parameterTypes = new AjType[syntheticCount];
        for (int i = 0; i < parameterTypes.length; i++) {
            if (parameterTypes[i] instanceof Class) {
                this.parameterTypes[i] = AjTypeSystem.getAjType((Class<?>)parameterTypes[i]);
            } else {
                this.parameterTypes[i] = parameterTypes[i];
            }
        }
    }
    return this.parameterTypes;
}
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(" + getName() + ")");
        sb.append("Return(" + getReturnType() + ");
    }
    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(exTypes[i].getName());
if (i+1 < exTypes.length) sb.append(",");
}

sb.append(" ");
}

sb.append(":");

sb.append(getPointcutExpression().asString());
return sb.toString();
}

1.38 versly-wsdoc 1.1.007

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persistence-xsd.rsrc - CDDL 1.0 - included in the openjpa jar, taken from: http://java.sun.com/xml/ns/persistence/persistence_1_0.xsd)
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1.42 tiles-servlet 2.2.2

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1.46 csrfguard 3.1.0

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