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Contents

1.1 ANTLR runtime 3.5.0
   1.1.1 Available under license
1.2 Apache Xalan 2.7.1.
   1.2.1 Available under license
1.3 Common Logging 1.1.1
   1.3.1 Available under license
1.4 Commons IO 1.4
   1.4.1 Available under license
1.5 commons-cli 1.1
   1.5.1 Available under license
1.6 jackson-annotations 2.4.3
   1.6.1 Available under license
1.7 Jackson-core 2.4.2
   1.7.1 Available under license
1.8 jackson-databind 2.2.0
   1.8.1 Available under license
1.9 Jakarta ORO 2.0.8
   1.9.1 Notifications
   1.9.2 Available under license
1.10 JaxRpc 1.4
    1.10.1 Available under license
1.11 JDom JDom 1.1
    1.11.1 Notifications
    1.11.2 Available under license
1.12 jep 2.23M
    1.12.1 Available under license
1.13 JSON 20070829
  1.13.1 Available under license
1.14 json-simple 1.1
  1.14.1 Available under license
1.15 knowledge-api 6.2.0.Final
  1.15.1 Available under license
1.16 log4j 1.2.13
  1.16.1 Available under license
1.17 logging-log4j 1.2.14
  1.17.1 Available under license
1.18 mvel2 2.2.4.Final
  1.18.1 Available under license
1.19 oro 2.0.8
  1.19.1 Notifications
  1.19.2 Available under license
1.20 resolver 20050927
  1.20.1 Available under license
1.21 serializer 2.7.1
  1.21.1 Available under license
1.22 slf4j-api 1.5.2
  1.22.1 Available under license
1.23 slf4j-log4j12 1.7.16
  1.23.1 Available under license
1.24 WSDL4J 1.6.2 :0
  1.24.1 Available under license
1.25 xercesImpl 2.8.1
  1.25.1 Available under license
1.26 xml-apis 1.4.01
  1.26.1 Available under license

1.1 ANTLR runtime 3.5.0
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1.6 jackson-annotations 2.4.3

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com.fasterxml.jackson.databind.ObjectMapper

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 */
package org.apache.axis;

import org.apache.axis.components.logger.LogFactory;
import org.apache.axis.utils.Messages;
import org.apache.commons.discovery.ResourceClassIterator;
import org.apache.commons.discovery.ResourceNameDiscover;
import org.apache.commons.discovery.ResourceNameIterator;
import org.apache.commons.discovery.resource.ClassLoaders;
import org.apache.commons.discovery.resource.classes.DiscoverClasses;
import org.apache.commons.discovery.resource.names.DiscoverMappedNames;
import org.apache.commons.discovery.resource.names.DiscoverNamesInAlternateManagedProperties;
import org.apache.commons.discovery.resource.names.DiscoverNamesInManagedProperties;
import org.apache.commons.discovery.resource.names.DiscoverServiceNames;
import org.apache.commons.discovery.tools.ClassUtils;
import org.apache.commons.discovery.tools.DefaultClassHolder;
import org.apache.commons.discovery.tools.DiscoverClass;
import org.apache.commons.discovery.tools.ManagedProperties;
import org.apache.commons.discovery.tools.PropertiesHolder;
import org.apache.commons.discovery.tools.SPInterface;
import org.apache.commons.discovery.resource.names.NameDiscoverers;
import java.lang.reflect.InvocationTargetException;
import java.security.AccessController;
import java.security.PrivilegedAction;
import java.util.Enumeration;
import java.util.Map;
import java.util.Properties;

/**
 * Configuration properties for AXIS.
 * </p>
 * *
 * Manage configuration properties according to a secure
 * scheme similar to that used by classloaders:
 * <ul>
 * <li>ClassLoader(s) are organized in a tree hierarchy.</li>
 * <li>each ClassLoader has a reference
 * to a parent ClassLoader.</li>
 * <li>the root of the tree is the bootstrap ClassLoader.</li>
 * <li>the youngest decendent is the thread context class loader.</li>
 * <li>properties are bound to a ClassLoader instance</li>
 * <li>non-default properties bound to a parent ClassLoader</li>
 * instance take precedence over all properties of the same name bound
 */
to any decendent.
* Just to confuse the issue, this is the default case.</li>
* &lt;li&gt;&lt;i&gt;default&lt;/i&gt; properties bound to a parent &lt;code&gt;ClassLoader&lt;/code&gt;
* instance may be overridden by (default or non-default) properties of
* the same name bound to any decendent.
* &lt;/li&gt;
* &lt;/ul&gt;
* &lt;/li&gt;
* System properties take precedence over all other properties&lt;/li&gt;
* &lt;/ul&gt;
* &lt;/p&gt;
*
* @author Richard A. Sitze
*/

public class AxisProperties {
   /** The &lt;code&gt;Log&lt;/code&gt; for all interesting events in this class. */
   protected static Log log = LogFactory.getLog(AxisProperties.class.getName());

   private static DiscoverNamesInAlternateManagedProperties altNameDiscoverer;
   private static DiscoverMappedNames mappedNames;
   private static NameDiscoverers nameDiscoverer;
   private static ClassLoaders loaders;

   public static void setClassOverrideProperty(Class clazz, String propertyName) {
      getAlternatePropertyNameDiscoverer().addClassToPropertyNameMapping(clazz.getName(), propertyName);
   }

   public static void setClassDefault(Class clazz, String defaultName) {
      getMappedNames().map(clazz.getName(), defaultName);
   }

   public static void setClassDefaults(Class clazz, String[] defaultNames) {
      getMappedNames().map(clazz.getName(), defaultNames);
   }

   public static synchronized ResourceNameDiscover getNameDiscoverer() {
      if (nameDiscoverer == null) {
         nameDiscoverer = new NameDiscoverers();
         nameDiscoverer.addResourceNameDiscover(getAlternatePropertyNameDiscoverer());
         nameDiscoverer.addResourceNameDiscover(new DiscoverNamesInManagedProperties());
         nameDiscoverer.addResourceNameDiscover(new DiscoverServiceNames(getClassLoaders()));
         nameDiscoverer.addResourceNameDiscover(getMappedNames());
      }
      return nameDiscoverer;
   }
}
public static ResourceClassIterator getResourceClassIterator(Class spi) {
    ResourceNameIterator it = getNameDiscoverer().findResourceNames(spi.getName());
    return new DiscoverClasses(loaders).findResourceClasses(it);
}

private static synchronized ClassLoaders getClassLoaders() {
    if (loaders == null) {
        loaders = ClassLoaders.getAppLoaders(AxisProperties.class, null, true);
    }
    return loaders;
}

private static synchronized DiscoverMappedNames getMappedNames() {
    if (mappedNames == null) {
        mappedNames = new DiscoverMappedNames();
    }
    return mappedNames;
}

private static synchronized DiscoverNamesInAlternateManagedProperties getAlternatePropertyNameDiscoverer() {
    if (altNameDiscoverer == null) {
        altNameDiscoverer = new DiscoverNamesInAlternateManagedProperties();
    }
    return altNameDiscoverer;
}

/**
 * Create a new instance of a service provider class.
 * !WARNING!
 * SECURITY issue.
 * See bug 11874
 *
 * The solution to both is to move doPrivilege UP within AXIS to a
 * class that is either private (cannot be reached by code outside
 * AXIS) or that represents a secure public interface...
 *
 * This is going to require analysis and (probably) rearchitecting.
 * So, I'm taking taking the easy way out until we are at a point
 * where we can reasonably rearchitect for security.
 *
 * @param spiClass the service provider class to instantiate
 * @return a new instance of this class
 */
public static Object newInstance(Class spiClass)
{
    return newInstance(spiClass, null, null);
}

public static Object newInstance(final Class spiClass,
final Class constructorParamTypes[],
final Object constructorParams[]) {
    return AccessController.doPrivileged(
        new PrivilegedAction() {
            public Object run() {
                ResourceClassIterator services = getResourceClassIterator(spiClass);

                Object obj = null;
                while (obj == null && services.hasNext()) {
                    Class service = services.nextResourceClass().loadClass();

                    /* service == null
                    * if class resource wasn't loadable
                    */
                    if (service != null) {
                        /* OK, class loaded.. attempt to instantiate it.
                        */
                        try {
                            ClassUtils.verifyAncestory(spiClass, service);
                            obj = ClassUtils.newInstance(service, constructorParamTypes, constructorParams);
                        } catch (InvocationTargetException e) {
                            if (e.getTargetException() instanceof java.lang.NoClassDefFoundError) {
                                log.debug(Messages.getMessage("exception00"), e);
                            } else {
                                log.warn(Messages.getMessage("exception00"), e);
                            }
                        } catch (Exception e) {
                            log.warn(Messages.getMessage("exception00"), e);
                        }
                    }
                }

                return obj;
            }
        });
    }
    
    /**
     * Get value for property bound to the current thread context class loader.
     *
     * @param propertyName property name.
public static String getProperty(String propertyName) {
    return ManagedProperties.getProperty(propertyName);
}

public static String getProperty(String propertyName, String default) {
    return ManagedProperties.getProperty(propertyName, default);
}

public static void setProperty(String propertyName, String value) {
    ManagedProperties.setProperty(propertyName, value);
}

public static void setProperty(String propertyName, String value, boolean isDefault) {
    ManagedProperties.setProperty(propertyName, value, isDefault);
}

public static void setProperties(Map newProperties) {

}
ManagedProperties.setProperties(newProperties);
}

/**
 * Set property values for <code>Properties</code> bound to the
 * current thread context class loader.
 * @param newProperties name/value pairs to be bound
 * @param isDefault determines if properties are default or not.
 * A non-default property cannot be overridden.
 * A default property can be overridden by a property
 * (default or non-default) of the same name bound to
 * a descendent class loader.
 */
public static void setProperties(Map newProperties, boolean isDefault) {
    ManagedProperties.setProperties(newProperties, isDefault);
}

public static Enumeration propertyNames() {
    return ManagedProperties.propertyNames();
}

/**
 * This is an expensive operation.
 * @return Returns a <code>java.util.Properties</code> instance
 * that is equivalent to the current state of the scoped
 * properties, in that getProperty() will return the same value.
 * However, this is a copy, so setProperty on the
 * returned value will not effect the scoped properties.
 */
public static Properties getProperties() {
    return ManagedProperties.getProperties();
}

public static Object newInstance(Class spiClass, Class defaultClass)
{
    return newInstance(new SPInterface(spiClass), new DefaultClassHolder(defaultClass));
}

/**
 * !WARNING!
 * SECURITY issue.
 * See bug 11874

private static Object newInstance(final SPInterface spi, final DefaultClassHolder defaultClass) {
    return AccessController.doPrivileged(
        new PrivilegedAction() {
            public Object run() {
                try {
                    return DiscoverClass.newInstance(null, spi, (PropertiesHolder)null, defaultClass);
                } catch (Exception e) {
                    log.error(Messages.getMessage("exception00"), e);
                }
                return null;
            }
        });
    }
}
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Daniel Savarese <dfs at savarese.org> is the original author of the
OROMatcher, PerlTools, AwkTools, and TextTools packages that became
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Mark Murphy <markm at tyrell.com> has contributed performance
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\UuLlE and escaping of $.

Michael Davey <michael.davey at coderage.org> fixed some documentation and
added a missing int substitute(...) method to Perl5Util.

Harald Kuhn <harald at ontopia.net> updated
MatchActionProcessor.processMatches() to accommodate character encodings.

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1.22 slf4j-api 1.5.2

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 */

package org.slf4j;

/**
 * <code>ILoggerFactory</code> instances manufacture {@link Logger}
 * instances by name.
 *
 * Most users retrieve {@link Logger} instances through the static
 * {@link LoggerFactory#getLogger(String)} method. An instance of this
 * interface is bound internally with {@link LoggerFactory} class at
 * compile time.
 *
 * @author Ceki Gülcü
 */

public interface ILoggerFactory {

/**
 * Return an appropriate {@link Logger} instance as specified by the
 * <code>name</code> parameter.
 */
* If the name parameter is equal to {@link Logger#ROOT_LOGGER_NAME}, that is
* the string value "ROOT" (case insensitive), then the root logger of the
* underlying logging system is returned.
*
* Null-valued name arguments are considered invalid.
*
* Certain extremely simple logging systems, e.g. NOP, may always
* return the same logger instance regardless of the requested name.
*
* @param name the name of the Logger to return
*/
public Logger getLogger(String name);
}

1.23 slf4j-log4j12 1.7.16

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