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Contents

1.1 Annotation 1.0 1.1.1
   1.1.1 Available under license
1.2 ANTLR StringTemplate 3.2.1
   1.2.1 Available under license
1.3 antlr-runtime 3.4
   1.3.1 Available under license
1.4 Apache Avro 1.7.5
   1.4.1 Available under license
1.5 Apache Extras? for Apache log4j?. 1.2.17
   1.5.1 Available under license
1.6 Apache Log4j 1.2.16
   1.6.1 Available under license
1.7 apacheds-i18n 2.0.0-M15
   1.7.1 Available under license
1.8 apacheds-kerberos-codec 2.0.0-M15
   1.8.1 Available under license
1.9 api-asn1-api 1.0.0-M20
   1.9.1 Available under license
1.10 api-util 1.0.0-M20
   1.10.1 Available under license
1.11 ASM-commons 3.1
   1.11.1 Available under license
1.12 aspectjrt 1.8.9
   1.12.1 Available under license
1.13 aspectjweaver 1.8.9
   1.13.1 Available under license
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<tr>
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<th>Name</th>
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1.35.1 Available under license
1.36 datanucleus-core 3.2.10
1.36.1 Available under license
1.37 datanucleus-rdbms 3.2.9
1.37.1 Available under license
1.38 ehcache 2.10.2.2.21
1.38.1 Available under license
1.39 Freemarker 2.3.23
1.39.1 Available under license
1.40 guava 14.0
1.40.1 Available under license
1.41 hadoop-auth 2.7.1
1.41.1 Available under license
1.42 hadoop-minicluster 2.7.1
1.43 hadoop-yarn-api 2.7.1
1.44 hadoop-yarn-server-resourcemanager 2.7.1
1.45 hbase-client 1.1.1
1.45.1 Available under license
1.46 hbase-common 1.1.1
1.47 hbase-hadoop2-compat 1.1.1
1.48 hbase-server 1.1.1
1.49 hive-common 1.2.1
1.49.1 Available under license
1.50 hive-hcatalog-core 1.2.1
1.51 hive-jdbc 1.2.1
1.51.1 Available under license
1.52 hive-metastore 1.2.1
1.52.1 Available under license
1.53 hive-serde 1.2.1
1.53.1 Available under license
1.54 hive-service 1.2.1
1.54.1 Available under license
1.55 hive-shims 1.2.1
1.55.1 Available under license
1.56 hive-shims-0.20S 1.2.1
1.56.1 Available under license
1.57 hive-shims-0.23 1.2.1
| 1.57.1 Available under license |
| **1.58** hive-shims-common 1.2.1 |
| 1.58.1 Available under license |
| **1.59** hive-shims-scheduler 1.2.1 |
| 1.59.1 Available under license |
| **1.60** httpclient 4.2.5 |
| 1.60.1 Available under license |
| 1.61 **jackson-annotations** 2.9.5 |
| 1.61.1 Available under license |
| 1.62 **jackson-core** 2.9.5 |
| 1.62.1 Available under license |
| 1.63 **jackson-core-asl** 1.9.13 |
| 1.63.1 Available under license |
| 1.64 **jackson-databind** 2.9.5 |
| 1.64.1 Available under license |
| 1.65 **jackson-dataformat-xml** 2.9.5 |
| 1.65.1 Available under license |
| 1.66 **jamm** 0.3.1 |
| 1.66.1 Available under license |
| 1.67 **Java Authentication SPI for Containers** 1.0 |
| 1.67.1 Available under license |
| 1.68 **JavaBeans(TM) Activation Framework** 1.1.1 |
| 1.68.1 Available under license |
| 1.69 **JavaMail API** 1.4.1 |
| 1.69.1 Available under license |
| 1.70 **javax.mail** 1.5.6 |
| 1.70.1 Available under license |
| 1.71 **jcl-over-slf4j** 1.7.21 |
| 1.71.1 Available under license |
| 1.72 **jdo-api** 3.0.1 |
| 1.72.1 Available under license |
| 1.73 **jetty-all** 7.6.0.v20120127 |
| 1.73.1 Available under license |
| 1.74 **jline** 0.9.94 |
| 1.74.1 Available under license |
| 1.75 **joda-time** 2.9.5 |
| 1.75.1 Available under license |
| 1.76 **jsch** 0.1.54 |
| 1.77 **jsr305** 3.0.1 |
1.77.1 Available under license
1.78 JTA 1.1 1.1.1
    1.78.1 Available under license
1.79 libthrift 0.9.2
    1.79.1 Available under license
1.80 maven-model 3.3.9
    1.80.1 Available under license
1.81 metrics-core 3.1.2
1.82 metrics-jvm 3.1.2
    1.82.1 Available under license
1.83 netty 3.10.6.Final
    1.83.1 Available under license
1.84 opencsv 2.3
    1.84.1 Available under license
1.85 opensaml 2.6.6
    1.85.1 Available under license
1.86 paranamer 2.5.6
    1.86.1 Available under license
1.87 RoaringBitmap 0.6.18
1.88 rocksdbjni 5.9.2
    1.88.1 Available under license
1.89 Scala Compiler 2.11.0
    1.89.1 Available under license
1.90 scala-library 2.11.0
    1.90.1 Available under license
1.91 scala-reflect 2.11.0
1.92 slf4j api 1.7.21
1.93 SLF4J LOG4J-12 Binding 1.7.2
    1.93.1 Available under license
1.94 slf4j-log4j12 1.7.21
    1.94.1 Available under license
1.95 Snappy for Java 1.0.5
1.96 spring-aop 4.3.10.RELEASE
    1.96.1 Available under license
1.97 spring-beans 4.3.10.RELEASE
    1.97.1 Available under license
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1.38 ehcachе 2.10.2.2.21

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```java
package net.sf.ehcache.store;

import net.sf.ehcache.Element;
import net.sf.ehcache.config.CacheConfiguration;
import net.sf.ehcache.store.compound.ReadWriteCopyStrategy;

public final class CopyingCacheStore<T extends Store> extends AbstractCopyingCacheStore<T> {

    /**
     * Copies elements, either on read, write or both before using the underlying store to actually store things
     * When copying both ways, the store might not see the same types being stored
     * @param <T> the store type it wraps
     * @author Alex Snaps
     */
    public final class CopyingCacheStore<T extends Store> extends AbstractCopyingCacheStore<T> {

        /**
         * Creates a copying instance of store, that wraps the actual storage
         * @param store the real store
         * @param copyOnRead whether to copy on reads
         * @param copyOnWrite whether to copy on writes
         * @param copyStrategyInstance the copy strategy to use on every copy operation
         * @param loader classloader of the containing cache
         */
```
public CopyingCacheStore(T store, boolean copyOnRead, boolean copyOnWrite, ReadWriteCopyStrategy<Element> copyStrategyInstance, ClassLoader loader) {
    super(store, copyOnRead, copyOnWrite, copyStrategyInstance, loader);
}

/**
 * Wraps the Store instance passed in, should any copy occur
 * @param cacheStore the store
 * @param cacheConfiguration the cache config for that store
 * @return the wrapped Store if copying is required, or the Store instance passed in
 */
public static Store wrapIfCopy(final Store cacheStore, final CacheConfiguration cacheConfiguration) {
    if (requiresCopy(cacheConfiguration)) {
        return wrap(cacheStore, cacheConfiguration);
    }
    return cacheStore;
}

/**
 * Wraps (always) with the proper configured CopyingCacheStore
 * @param cacheStore the store to wrap
 * @param cacheConfiguration the cache config backed by this store
 * @param <T> the Store type
 * @return the wrapped store
 */
private static <T extends Store> CopyingCacheStore<T> wrap(final T cacheStore, final CacheConfiguration cacheConfiguration) {
    final ReadWriteCopyStrategy<Element> copyStrategyInstance =
    cacheConfiguration.getCopyStrategyConfiguration().
    getCopyStrategyInstance(cacheConfiguration.getClassLoader());
    return new CopyingCacheStore<T>(cacheStore, cacheConfiguration.isCopyOnRead(),
    cacheConfiguration.isCopyOnWrite(), copyStrategyInstance, cacheConfiguration.getClassLoader());
}

/**
 * Checks whether configuration enables copying
 * @param cacheConfiguration the cache config
 * @return true is copying is required, otherwise false
 */
static boolean requiresCopy(final CacheConfiguration cacheConfiguration) {
    return cacheConfiguration.isCopyOnRead() || cacheConfiguration.isCopyOnWrite();
}

private static boolean isCopyOnReadAndCopyOnWrite(final CacheConfiguration cacheConfiguration) {
    return cacheConfiguration.isCopyOnRead() && cacheConfiguration.isCopyOnWrite();
}
public static ElementValueComparator wrapIfCopy(final ElementValueComparator comparator, final CacheConfiguration cacheConfiguration) {
    if (isCopyOnReadAndCopyOnWrite(cacheConfiguration)) {
        final ReadWriteCopyStrategy<Element> copyStrategyInstance = cacheConfiguration.getCopyStrategyConfiguration()
            .getCopyStrategyInstance(cacheConfiguration.getClassLoader());
        CopyStrategyHandler copyStrategyHandler = new CopyStrategyHandler(cacheConfiguration.isCopyOnRead(),
            cacheConfiguration.isCopyOnWrite(),
            copyStrategyInstance, cacheConfiguration.getClassLoader());
        return new CopyingElementValueComparator(comparator, copyStrategyHandler);
    }
    return comparator;
}

private static class CopyingElementValueComparator implements ElementValueComparator {
    private final ElementValueComparator delegate;
    private final CopyStrategyHandler copyStrategyHandler;

    public CopyingElementValueComparator(ElementValueComparator delegate, CopyStrategyHandler copyStrategyHandler) {
        this.delegate = delegate;
        this.copyStrategyHandler = copyStrategyHandler;
    }

    @Override
    public boolean equals(Element e1, Element e2) {
        return delegate.equals(copyStrategyHandler.copyElementForReadIfNeeded(e1),
            copyStrategyHandler.copyElementForReadIfNeded(e2));
    }

    /*
     *  Copyright Terracotta, Inc.
     */
package net.sf.ehcache.store;

import net.sf.ehcache.Element;
import net.sf.ehcache.config.Searchable;
import java.util.Iterator;

/**
 * A {link BruteForceSource} that wraps another one and deals with copy for read of {link Element}s.
 *
 * @author ljacomet
 */
class CopyingBruteForceSource implements BruteForceSource {

    private final BruteForceSource delegate;
    private final CopyStrategyHandler copyStrategyHandler;

    /**
     * Construct this CopyingBruteForceSource with the given delegate and the {link CopyStrategyHandler} to use.
     *
     * @param delegate the delegate BruteForceSource
     * @param copyStrategyHandler the copy strategy handler
     */
    CopyingBruteForceSource(BruteForceSource delegate, CopyStrategyHandler copyStrategyHandler) {
        this.delegate = delegate;
        this.copyStrategyHandler = copyStrategyHandler;
    }

    @Override
    public Iterable<Element> elements() {
        return new CopyingIterable(delegate.elements(), copyStrategyHandler);
    }

    @Override
    public Iterator<Element> iterator() {
        return new CopyingIterator(delegate.iterator(), copyStrategyHandler);
    }

    @Override
    public void close() {
        delegate.close();
    }

    @Override
    public void start() {
        delegate.start();
    }

    @Override
    public boolean isStarted() {
        return delegate.isStarted();
    }

    @Override
    public boolean isOpen() {
        return delegate.isOpen();
    }

    @Override
    public void stop() {
        delegate.stop();
    }

    @Override
    public boolean isStopped() {
        return delegate.isStopped();
    }
}

public Searchable getSearchable() {
    return delegate.getSearchable();
}

@Override
public Element transformForIndexing(Element element) {
    return copyStrategyHandler.copyElementForReadIfNeeded(element);
}

/**
 * Wrapping Iterable holding the delegate Iterable and the [ @link CopyStrategyHandler]
 */
private static class CopyingIterable implements Iterable<Element> {
    private final Iterable<Element> elements;
    private final CopyStrategyHandler copyStrategyHandler;

    public CopyingIterable(Iterable<Element> elements, CopyStrategyHandler copyStrategyHandler) {
        this.elements = elements;
        this.copyStrategyHandler = copyStrategyHandler;
    }

    @Override
    public Iterator<Element> iterator() {
        return new CopyingIterator(elements.iterator());
    }

    /**
     * Wrapping Iterator responsible of doing the copy on read
     */
    private class CopyingIterator implements Iterator<Element> {
        private final Iterator<Element> delegate;

        public CopyingIterator(Iterator<Element> delegate) {
            this.delegate = delegate;
        }

        @Override
        public boolean hasNext() {
            return delegate.hasNext();
        }

        @Override
        public Element next() {
            return copyStrategyHandler.copyElementForReadIfNeeded(delegate.next());
        }

        @Override
        public void remove() {

        }

        @Override
        public boolean hasNext() {
            return delegate.hasNext();
        }

        @Override
        public Element next() {
            return copyStrategyHandler.copyElementForReadIfNeeded(delegate.next());
        }

        @Override
        public void remove() {

        }

        @Override
        public boolean hasNext() {
            return delegate.hasNext();
        }

        @Override
        public Element next() {
            return copyStrategyHandler.copyElementForReadIfNeeded(delegate.next());
        }

        @Override
        public void remove() {

        }
    }
delegate.remove();
}
}
}

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1.40 guava 14.0

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1.41 hadoop-auth 2.7.1
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1.42 hadoop-minicluster 2.7.1

1.43 hadoop-yarn-api 2.7.1

1.44 hadoop-yarn-server-resourcemanager 2.7.1
package org.apache.hadoop.hbase.security.access;

import com.google.common.collect.Maps;
import org.apache.commons.logging.Log;
import org.apache.commons.logging.LogFactory;
import org.apache.hadoop.hbase.classification.InterfaceAudience;
import org.apache.hadoop.hbase.classification.InterfaceStability;
import org.apache.hadoop.hbase.util.Bytes;
import org.apache.hadoop.io.VersionedWritable;

import java.io.DataInput;
import java.io.DataOutput;
import java.io.IOException;
import java.util.Arrays;
import java.util.Map;

/**
 * Base permissions instance representing the ability to perform a given set
 * of actions.
 * *
 * @see TablePermission
 */
@InterfaceAudience.Public
@InterfaceStability.Evolving
public class Permission extends VersionedWritable {
    protected static final byte VERSION = 0;
@InterfaceAudience.Public
@InterfaceStability.Evolving
public enum Action {
    READ('R'), WRITE('W'), EXEC('X'), CREATE('C'), ADMIN('A');

    private byte code;
    Action(char code) {
        this.code = (byte)code;
    }

    public byte code() { return code; }
}

private static final Log LOG = LogFactory.getLog(Permission.class);
protected static final Map<Byte, Action> ACTION_BY_CODE = Maps.newHashMap();

protected Action[] actions;

static {
    for (Action a : Action.values()) {
        ACTION_BY_CODE.put(a.code(), a);
    }
}

/** Empty constructor for Writable implementation. <b>Do not use.</b> */
public Permission() {
    super();
}

public Permission(Action... assigned) {
    if (assigned != null && assigned.length > 0) {
        actions = Arrays.copyOf(assigned, assigned.length);
    }
}

public Permission(byte[] actionCodes) {
    if (actionCodes != null) {
        Action acts[] = new Action[actionCodes.length];
        int j = 0;
        for (int i=0; i<actionCodes.length; i++) {
            byte b = actionCodes[i];
            Action a = ACTION_BY_CODE.get(b);
            if (a == null) {
                LOG.error("Ignoring unknown action code "+
                        Bytes.toStringBinary(new byte[]{b})+"\n");
                continue;
            }
            acts[j++] = a;
        }
        actions = Arrays.copyOf(acts, j);
    }
}
acts[j++] = a;
}
this.actions = Arrays.copyOf(acts, j);
}

public Action[] getActions() {
    return actions;
}

public boolean implies(Action action) {
    if (this.actions != null) {
        for (Action a : this.actions) {
            if (a == action) {
                return true;
            }
        }
    }
    return false;
}

@Override
public boolean equals(Object obj) {
    if (!(obj instanceof Permission)) {
        return false;
    }
    Permission other = (Permission)obj;
    // check actions
    if (actions == null && other.getActions() == null) {
        return true;
    } else if (actions != null && other.getActions() != null) {
        Action[] otherActions = other.getActions();
        if (actions.length != otherActions.length) {
            return false;
        }
        outer:
        for (Action a : actions) {
            for (Action oa : otherActions) {
                if (a == oa) continue outer;
            }
            return false;
        }
        return true;
    }
    return false;
}
```java
@Override
public int hashCode() {
    final int prime = 37;
    int result = 23;
    for (Action a : actions) {
        result = prime * result + a.code();
    }
    return result;
}

@Override
public String toString() {
    StringBuilder str = new StringBuilder("[Permission: ");
    if (actions != null) {
        for (int i=0; i<actions.length; i++) {
            if (i > 0)
                str.append(",");
            if (actions[i] != null)
                str.append(actions[i].toString());
            else
                str.append("NULL");
        }
    }
    str.append("]");

    return str.toString();
}

/** @return the object version number */
@Override
public byte getVersion() {
    return VERSION;
}

@Override
public void readFields(DataInput in) throws IOException {
    super.readFields(in);
    int length = (int)in.readByte();
    if (length > 0) {
        actions = new Action[length];
        for (int i = 0; i < length; i++) {
            byte b = in.readByte();
            Action a = ACTION_BY_CODE.get(b);
            if (a == null) {
                throw new IOException("Unknown action code "+
```
Bytes.toStringBinary(new byte[]{b})+" in input");
}
    this.actions[i] = a;
}
} else {
    actions = new Action[0];
}

@Override
public void write(DataOutput out) throws IOException {
    super.write(out);
    out.writeByte(actions != null ? actions.length : 0);
    if (actions != null) {
        for (Action a: actions) {
            out.writeByte(a.code());
        }
    }
}

1.46 hbase-common 1.1.1
1.47 hbase-hadoop2-compat 1.1.1
1.48 hbase-server 1.1.1
1.49 hive-common 1.2.1
1.49.1 Available under license :

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1.50 hive-hcatalog-core 1.2.1

1.51 hive-jdbc 1.2.1

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1.59 hive-shims-scheduler 1.2.1

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1.63 jackson-core-asl 1.9.13

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1.66 jamm 0.3.1

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1.0

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1.68 JavaBeans(TM) Activation Framework

1.1.1

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1.69 JavaMail API 1.4.1

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 */
package org.springframework.security.acls.model;

import java.io.Serializable;

/**
 * Represents a permission granted to a Sid for a given domain object.
 */
@Author Ben Alex
public interface Permission extends Serializable {

/**
 * Represents a permission granted to a Sid for a given domain object.
 */
public interface Permission extends Serializable {

// ~ Static fields/initializers

==================================================================
char RESERVED_ON = '\~';
char RESERVED_OFF = '.';
String THIRTY_TWO_RESERVED_OFF = "..........................";

// ~ Methods
//

/**
 *
 * @return the bits that represent the permission
 */
int getMask();

/**
 * Returns a 32-character long bit pattern \texttt{String} representing this
 * permission.
 */
String getPattern();

1.109 spring-security-config 4.2.3.RELEASE
1.110 spring-security-core 4.2.3.RELEASE

1.111 spring-security-ldap 4.2.3.RELEASE

1.112 spring-security-saml2-core 1.0.2.RELEASE

1.113 spring-security-web 4.2.3.RELEASE

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1.114 spring-test 4.3.10.RELEASE

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1.115 spring-tx 4.3.10.RELEASE

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1.116 spring-web 4.3.9.RELEASE

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1.117 spring-webmvc 4.3.10.RELEASE

1.118 super-csv 2.4.0

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1.119 T-Digest 3.1

1.120 xalan 2.7.2
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Last revised by Reagle $Date: 2005-07-19 12:33:09 -0400 (Tue, 19 Jul 2005) $

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1.121 xercesImpl 2.11.0
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