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  margin: 0.25in 0.5in 0.25in 0.5in;
  tab-interval: 0.5in;
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  margin-bottom: 0.5em;
}
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  margin-top: 0.05em;
  margin-bottom: 0.05em;
}
</style>

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# 1.11 commons-pool2 2.5.0

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## 1.12 commons-validator 1.4.0

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## 1.13 ehcache 2.10.2.2.21

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*/
package net.sf.ehcache.store;

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

/**
 * 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();
}

/**
 * Wraps the given { @link net.sf.ehcache.store.ElementValueComparator } if the configuration requires copy on
read
 *
 * @param comparator the comparator to wrap
 * @param cacheConfiguration the cache configuration
 * @return the comparator passed if no copy needed, a wrapped comparator otherwise
 */
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;
}

/**
 * An { @link net.sf.ehcache.store.ElementValueComparator } which handles copy on read
 */
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.copyElementForReadIfNeeded(e2));
    }
}
}
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 */

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 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() {
        delegate.remove();
    }
}
}
}

```

## 1.14 Freemarker 2.3.23

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in src/main/native/src/org/apache/hadoop/util:

```
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```
/*  
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Header File  
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```
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})+""");
            continue;
        }
        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;
}

@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: ")
        .append("actions=");
    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());
        }
    }
}

```

## 1.25 hbase-common 1.1.1

## 1.26 hbase-hadoop2-compat 1.1.1

## 1.27 hbase-server 1.1.1

# 1.28 hive-hcatalog-core 1.2.1

## 1.29 hive-jdbc 1.2.1

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## 1.35 jcl-over-slf4j 1.7.21

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## 1.36 maven-model 3.3.9

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<project>
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  <groupId>org.apache.maven.its.mng3843</groupId>
  <artifactId>parent-1</artifactId>
  <version>0.1</version>
  <packaging>pom</packaging>
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  <license>
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  <!--
  While <licenses> are inherited, they are not aggregated, only the child licenses are used.
  -->

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    <artifactId>parent-1</artifactId>
    <version>0.1</version>
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<project>

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<version>0.1</version>
<packaging>pom</packaging>
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<contributors>
  <contributor>
    <name>parent-contributor</name>
  </contributor>
</contributors>
</project>
<?xml version="1.0" encoding="UTF-8"?>
```

```
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```

```
-->
```

```
<project>
  <modelVersion>4.0.0</modelVersion>
```

```
<!--
While <contributors> are inherited, they are not aggregated, only the child elements are used.
-->
```

```
<parent>
  <groupId>org.apache.maven.its.mng3843</groupId>
  <artifactId>parent-1</artifactId>
  <version>0.1</version>
</parent>

<groupId>org.apache.maven.its.mng3843.child</groupId>
```

```
<artifactId>child-2</artifactId>
```

```
<version>0.2</version>
```

```
<packaging>jar</packaging>
```

```
<contributors>
```

```
  <contributor>
```

```
    <name>child-contributor</name>
```

```
  </contributor>
```

```
</contributors>
```

```
</project>
```

```
##
```

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```
##
```

```
## $Date: 2008-03-09 23:17:06 -0700 (Sun, 09 Mar 2008) $ $Rev: 635446 $
```

```
##
```

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```
#set ( $apacheTxt = "The Apache Software License, Version 2.0" )
```

```
#foreach ( $project in $projects )
```

```
  #foreach ( $license in $project.licenses)
```

```
    #if ( ! ($apacheTxt == $license.name) )
```

```
      #set ( $artId = $project.artifact.artifactId)
```

```
      #set ( $If = $locator )
```

```
      #set ( $url = $license.url )
```

```
      ## glass fish URL is now invalid, use a fixed one
```

```
      #if ($url == "https://glassfish.dev.java.net/public/CDDLv1.0.html")
```

```
        #set ( $url = 'https://glassfish.java.net/public/CDDLv1.0.html' )
```

```
      #end
```

```
    #if ($url)
```

```
#set ( $licFile = 'lib/' + $artId + '.license' )
#set ( $downloaded = $lf.getResourceAsFile($url, "licenses/${licFile}") )
#end

$project.name #if ($project.url)($project.url)#end $project.artifact
  License: $license.name #if ($url) $url ($licFile)#end

#end
#end
#end
```

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## 1.39 rocksdbjni 5.9.2

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## 1.43 slf4j api 1.7.21

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```

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

import java.io.Serializable;

/**
 * Represents a permission granted to a <tt>Sid</tt> for a given domain object.
 *
 * @author Ben Alex
 */
public interface Permission extends Serializable {
    // ~ Static fields/initializers
    //
    =====
    ===

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

    // ~ Methods
    //
    =====
    =====

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

    /**
     * Returns a 32-character long bit pattern <code>String</code> representing this
     * permission.
     * <p>
     * Implementations are free to format the pattern as they see fit, although under no
     * circumstances may { @link #RESERVED_OFF} or { @link #RESERVED_ON} be used within the
     * pattern. An exemption is in the case of { @link #RESERVED_OFF} which is used to
     * denote a bit that is off (clear). Implementations may also elect to use
     * { @link #RESERVED_ON} internally for computation purposes, although this method may
     * not return any <code>String</code> containing { @link #RESERVED_ON}.
     * <p>
     * The returned String must be 32 characters in length.
     * <p>
     * This method is only used for user interface and logging purposes. It is not used in
     * any permission calculations. Therefore, duplication of characters within the output
     * is permitted.

```

```
*  
* @return a 32-character bit pattern  
*/  
String getPattern();  
}
```

## **1.48 spring-security-config 4.2.3.RELEASE**

## **1.49 spring-security-core 4.2.3.RELEASE**

## **1.50 spring-security-ldap 4.2.3.RELEASE**

## **1.51 spring-security-saml2-core 1.0.2.RELEASE**

## **1.52 spring-security-saml2-core 1.0.2**

## **1.53 spring-security-web 4.2.3.RELEASE**

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# 1.55 spring-webmvc 4.3.10.RELEASE

## 1.56 super-csv 2.4.0

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## 1.57 T-Digest 3.1

## 1.58 xalan 2.7.2

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