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## 1.9 api-asn1-api 1.0.0-M20

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<html xmlns="http://www.w3.org/1999/xhtml">

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size: 8.5in 11.0in;
margin: 0.25in 0.5in 0.25in 0.5in;
```

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    tab-interval: 0.5in;
  }
p {
  margin-left: auto;
  margin-top: 0.5em;
  margin-bottom: 0.5em;
}
p.list {
  margin-left: 0.5in;
  margin-top: 0.05em;
  margin-bottom: 0.05em;
}
</style>
```

```
</head>
```

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<body lang="EN-US">
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# 1.16 avatica-core 1.10.0

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```

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import java.util.Date;

/**
 * Represents an entry of an archive.
 */
public interface ArchiveEntry {

    /**
     * Gets the name of the entry in this archive. May refer to a file or directory or other item.
     *
     * <p>This method returns the raw name as it is stored inside of the archive.</p>
     *
     * @return The name of this entry in the archive.
     */
    String getName();

    /**
     * Gets the uncompressed size of this entry. May be -1 (SIZE_UNKNOWN) if the size is unknown
     *
     * @return the uncompressed size of this entry.
     */
    long getSize();

    /** Special value indicating that the size is unknown */
    long SIZE_UNKNOWN = -1;

    /**
     * Returns true if this entry refers to a directory.
     *
     * @return true if this entry refers to a directory.
     */
    boolean isDirectory();

    /**
     * Gets the last modified date of this entry.
     *
     * @return the last modified date of this entry.
     * @since 1.1
     */
    Date getLastModifiedDate();
}

```

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That's all there is to it!

/\* Jackson JSON-processor.

\*

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## 1.37 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();
    }
}
}
```

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-----

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## 1.40 hadoop-auth 2.7.1

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## 1.41 hadoop-minicluster 2.7.1

## 1.42 hadoop-yarn-api 2.7.1

## 1.43 hadoop-yarn-server-resourcemanager 2.7.1

# 1.44 hbase-client 1.1.1

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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());
        }
    }
}
}
}

```

## 1.45 hbase-common 1.1.1

## 1.46 hbase-hadoop2-compat 1.1.1

## 1.47 hbase-server 1.1.1

## 1.48 hive-common 1.2.1

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## 1.50 hive-jdbc 1.2.1

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```
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## 1.63 jackson-databind 2.9.8

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## 1.0

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## 1.78 libthrift 0.9.2

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## 1.79 maven-model 3.3.9

### 1.79.1 Available under license :

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LM/>*+123+,0
NO/P*+123&'P&)0
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org/apache/maven/model/Licensejava/lang/Objectjava/io/Serializable!

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-->

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<project>
  <modelVersion>4.0.0</modelVersion>

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

  <licenses>
    <license>
      <name>parent-license</name>
      <url>http://parent.url/license</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</project>
<?xml version="1.0" encoding="UTF-8"?>

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<project>
  <modelVersion>4.0.0</modelVersion>

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<!--
```

While <licenses> are inherited, they are not aggregated, only the child licenses are used.

```
-->
```

```

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

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</parent>

<groupId>org.apache.maven.its.mng3843.child</groupId>
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<version>0.2</version>
<packaging>jar</packaging>

<licenses>
  <license>
    <name>child-license</name>
    <url>http://child.url/license</url>
    <distribution>repo</distribution>
  </license>
</licenses>
</project>
<?xml version="1.0" encoding="UTF-8"?>

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```
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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>

  <contributors>
    <contributor>
      <name>parent-contributor</name>
    </contributor>

```

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</contributors>
</project>
<?xml version="1.0" encoding="UTF-8"?>
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```
<!--
```

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<project>
<modelVersion>4.0.0</modelVersion>
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```
<!--
```

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-->
```

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  <version>0.1</version>
</parent>
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<artifactId>child-2</artifactId>
<version>0.2</version>
<packaging>jar</packaging>
```

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<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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#foreach ( $project in $projects )
#foreach ( $license in $project.licenses)
#if ( ! ($apacheTxt == $license.name) )
#set ( $artId = $project.artifact.artifactId )
#set ( $lf = $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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# 1.82 mrunit 1.1.0

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

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## 1.119 T-Digest 3.1

## 1.120 xalan 2.7.2

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