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# Licensing Information User Manual

## Oracle Enterprise Manager for MySQL Database 13.5.1.0.0

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- The LinearConstraint, LinearObjectiveFunction, LinearOptimizer,
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```

org.apache.commons.math3.optimization.linear include software developed by Benjamin McCann (<http://www.benmccann.com>) and distributed with the following copyright: Copyright 2009 Google Inc. (grant received on March 16th 2009)

- The class "org.apache.commons.math3.exception.util.LocalizedFormatsTest" which is an adapted version of "OrekitMessagesTest" test class for the Orekit library
- The "org.apache.commons.math3.analysis.interpolation.HermiteInterpolator" has been imported from the Orekit space flight dynamics library.

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The initial code for shuffling an array (originally in class "org.apache.commons.math3.random.RandomDataGenerator", now replaced by a method in class "org.apache.commons.math3.util.MathArrays") was inspired from the algorithm description provided in "Algorithms", by Ian Craw and John Pulham (University of Aberdeen 1999). The textbook (containing a proof that the shuffle is uniformly random) is available here:  
<http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.173.1898&rep=rep1&type=pdf>

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The BracketFinder (package org.apache.commons.math3.optimization.univariate)
and PowellOptimizer (package org.apache.commons.math3.optimization.general)
classes are based on the Python code in module "optimize.py" (version 0.5)
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 */
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```
package org.kordamp.ezmorph;
```

```
/**  
 * Marker interface for morphers.  
 * All implementations must have a morph(Object value) method  
 * that returns the appropriate morphed value.  
 *  
 * @author Andres Almiray  
 */
```

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 */
[...]
/**
 * Marker interface, identifies a valid JSON value.
 * A JSON value may be a {@link JSONObject}, a {@link JSONArray} or a
 * {@link JSONObject}.
 *
 * @author Andres Almiray
 */

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## junixsocket

Unix Domain Sockets for Java + RMI-over-AF\_UNIX.

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 Dumpster SMTP test server  
 Copyright 2004 Jason Paul Kitchen  
 TypeUtil.java  
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 picocli (<http://picocli.info>)  
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4th party needed for (log4j-slf4j-impl)

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Modules:

```
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slf4j-api  
slf4j-simple  
slf4j-nop  
slf4j-jdk14  
slf4j-log4j12  
slf4j-ext  
jcl-over-slf4j  
log4j-over-slf4j  
jul-to-slf4j  
osgi-over-slf4j  
integration  
slf4j-site  
slf4j-migrator
```

4th party Dependencies:

```
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```
ch.qos.call10n call10n-api
```

```
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```

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