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Preface

This preface contains the following sections:

- [Diversity and Inclusion](#)
- [Documentation Accessibility](#)

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```
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The class org.apache.lucene.util.WeakIdentityMap was derived from
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`analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt`,
`analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt`,
`analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt`,
`analysis/common/src/resources/org/apache/lucene/analysis/bn/stopwords.txt`
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`analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java`
`analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java`
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`analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java`
`analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java`
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```
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org.apache.lucene:lucene-queries
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analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bn/stopwords.txt
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analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
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analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

The Stempel analyzer (stempel) includes BSD-licensed software developed
by the Egothor project <http://egothor.sf.net/>, created by Leo Galambos, Martin Kvapil,
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stopword list that is BSD-licensed created by the Carrot2 project. The file resides
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Morfologik uses data from Polish ispell/myspell dictionary (<http://www.sjp.pl/slownik/en/>) licenced on the terms of (inter alia) LGPL and Creative Commons ShareAlike.

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```
=====
Kurumoji Japanese Morphological Analyzer - Apache Lucene Integration
=====
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or

<http://jaist.dl.sourceforge.net/project/mecab/mecab-ipadic/2.7.0-20070801/mecab-ipadic-2.7.0-20070801.tar.gz>

```
=====
mecab-ipadic-2.7.0-20070801 Notice
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```
----- (separator) -----
```

```
== Dependency
```

```
org.apache.lucene:lucene-queryparser
```

```
== License Type
```

```
SPDX:Apache-2.0
```

```
== Copyright
```

```
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The levenshtein automata tables (under core/src/java/org/apache/lucene/util/automaton)
were
automatically generated with the moman/finenight FSA library, created by
Jean-Philippe Barrette-LaPierre. This library is available under an MIT license,
see <http://sites.google.com/site/rrettesite/moman> and
<http://bitbucket.org/jpbarrette/moman/overview/>

The class org.apache.lucene.util.WeakIdentityMap was derived from
the Apache CXF project and is Apache License 2.0.

The class org.apache.lucene.util.compress.LZ4 is a Java rewrite of the LZ4
compression library (<https://github.com/lz4/lz4/tree/dev/lib>) that is licensed
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analysis/common/src/java/net/sf/snowball
were developed by Martin Porter and Richard Boulton.
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analysis/common/src/resources/org/apache/lucene/analysis/snowball
were developed by Martin Porter and Richard Boulton.
The full snowball package is available from

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The KStem stemmer in
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analysis/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bn/stopwords.txt
See <http://members.unine.ch/jacques.savoy/clef/index.html>.

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analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
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analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

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```
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org.apache.lucene:lucene-sandbox

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The levenshtein automata tables (under `core/src/java/org/apache/lucene/util/automaton`) were automatically generated with the `moman/finenight` FSA library, created by Jean-Philippe Barrette-LaPierre. This library is available under an MIT license, see <http://sites.google.com/site/rrettesite/moman> and <http://bitbucket.org/jpbarrette/moman/overview/>

The class `org.apache.lucene.util.WeakIdentityMap` was derived from the Apache CXF project and is Apache License 2.0.

The class `org.apache.lucene.util.compress.LZ4` is a Java rewrite of the LZ4 compression library (<https://github.com/lz4/lz4/tree/dev/lib>) that is licensed under the 2-clause BSD license. (<https://opensource.org/licenses/bsd-license.php>)

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analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bn/stopwords.txt
See <http://members.unine.ch/jacques.savoy/clef/index.html>.

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analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fin/FinnishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

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or

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```
=====
Nori Korean Morphological Analyzer - Apache Lucene Integration
=====
```

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which can be obtained from

<https://bitbucket.org/eunjeon/mecab-ko-dic/downloads/mecab-ko-dic-2.0.3-20170922.tar.gz>

```
----- (separator) -----
```

```
== Dependency
org.locationtech.jts:jts-core
```

```
== License Type
SPDX:EPL-2.0
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== Copyright
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```
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Version 2.0, January 2004

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Other developers who have contributed code are:

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Jackson-Databind

Vendor: FasterXML, LLC

com.fasterxml.jackson.core:jackson-databind

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```
It is currently developed by a community of developers.
```

```
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4th Party Dependency

jackson-annotations

```
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```

```
-----  
-----  
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FastDoubleParser

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FastDoubleParser

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ASM: a very small and fast Java bytecode manipulation framework

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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
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It is currently developed by a community of developers.

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This is a Java port of Daniel Lemire's fast_float project.
This project provides parsers for double, float, BigDecimal and BigInteger values.

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```
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```

```
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```



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* [The API repository] (https://github.com/eclipse-ee4j/beanvalidation-api)
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Jackson is a high-performance, Free/Open Source JSON processing library.
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
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It is currently developed by a community of developers.

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This is a Java port of Daniel Lemire's fast_float project.
This project provides parsers for double, float, BigDecimal and BigInteger values.

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micronaut-serde-api  
micronaut-core-reactive  
micronaut-context  
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