ReleaseNote46

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November 2013, Apache Lucene™ 4.6 available
The Lucene PMC is pleased to announce the release of Apache Lucene 4.6

Apache Lucene is a high-performance, full-featured text search engine
library written entirely in Java. It is a technology suitable for nearly
any application that requires full-text search, especially cross-platform.

This release contains numerous bug fixes, optimizations, and
improvements, some of which are highlighted below. The release
is available for immediate download at:
  http://lucene.apache.org/core/mirrors-core-latest-redir.html

See the CHANGES.txt file included with the release for a full list of
details.

Lucene 4.6 Release Highlights:

* Added support for NumericDocValues field updates (without re-indexing the document) through IndexWriter.
updateNumericDocValue(Term, String, Long).

* New FreeTextSuggester can predict the next word using a simple ngram language model useful for "long tail"
suggestions.

* A new expression module allows for customized ranking with script-like syntax.

* A new DirectDocValuesFormat can hold all doc values in heap as uncompressed java native arrays.

* Term.hasFreqs can now determine if a given field indexed per-doc term frequencies.

* Various bugfixes and optimizations since the 4.5.1 release.

Please read CHANGES.txt for a full list of new features.

Please report any feedback to the mailing lists
(http://lucene.apache.org/core/discussion.html)

Note: The Apache Software Foundation uses an extensive mirroring network
for distributing releases.  It is possible that the mirror you are using
may not have replicated the release yet.  If that is the case, please
try another mirror.  This also goes for Maven access.
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