

# LexEVS 6.4 Remote Service and Client Updates

## Contents of this Page

- [Distributed Client](#)
  - [Updated Jars](#)
  - [Lucene Jars Removed](#)
  - [Lucene Jars Added](#)
  - [Serialization Jars Added](#)
  - [New dependent Jars](#)
  - [HTTPS Updates](#)
- [Remote Service](#)
  - [Updated Jars](#)
  - [Lucene Jars Removed](#)
  - [Lucene Jars Added](#)
  - [Serialization Jars Added](#)

This document describes the changes that were made to both the Remote Client and the Remote Service to make them compatible with LexEVS 6.4 (Lucene changes).

## Distributed Client

The distributed client project can be found on GitHub here: [https://github.com/lexevs/LexEVS\\_Distributed\\_Client](https://github.com/lexevs/LexEVS_Distributed_Client)

The following list of jar changes have been made in the **LexEVS\_Distributed\_Client/lib** directory. Additionally, the classpath has been updated to reference the jar changes.

### Updated Jars

The following jars have been updated to a newer version to keep them in line with LexEVS:

- **lexbig.jar** - Latest jar from LexEVS Lucene build
- lexevsapi64-beans.jar (replaced lexevsapi62-beans.jar)
- lexevsapi64-framework.jar (replaced lexevsapi62-framework.jar)
- LexEVSSecurity.jar (replaced existing LexEVSSecurity.jar)
- commons-codec-1.10.jar (replaced commons-codec-1.3.jar)

### Lucene Jars Removed

The following jars are from Lucene 2.4.1 and have been removed:

- lucene-analyzers-2.4.1.jar
- lucene-core-2.4.1.jar
- lucene-queries-2.4.1.jar
- lucene-regexp-2.4.1.jar
- lucene-snowball-2.4.1.jar

### Lucene Jars Added

The following jars from Lucene 5.3.1 have been added:

- lucene-analyzers-common-5.3.1.jar
- lucene-analyzers-phonetic-5.3.1.jar
- lucene-codecs-5.3.1.jar
- lucene-core-5.3.1.jar
- lucene-join-5.3.1.jar
- lucene-queries-5.3.1.jar
- lucene-queryparser-5.3.1.jar
- lucene-sandbox-5.3.1.jar
- lucene-test-framework-5.3.1.jar

### Serialization Jars Added

The following jars have been added for assisting with serializing Lucene objects (Lucene no longer serializes their objects):

- kryo-2.21.jar
- kryo-serializers-0.37.jar

- minlog-1.2.jar

## New dependent Jars

The following jars are new dependencies:

- aspectjrt-1.6.8.jar
- aspectjweaver-1.6.8.jar
- commons-dbcp-1.4.jar
- commons-httpclient-3.1.0.jar

## HTTPS Updates

The following jar must be updated to 6.4.1 to support HTTPS updates from 6.4

- lexevs-remote.client.6.4.jar

Combined with changing service URLs to any HTTPS services should allow the processing of valid certificates.

## Remote Service

The remote service project can be found on GitHub here: <https://github.com/lexevs/lexevs-remote>

The following list of jar changes have been made in the **LexEVSService/system/lib** directory. Additionally, the classpath has been updated to reference the jar changes.

## Updated Jars

The following jars have been updated to a newer version to keep them in line with LexEVS:

- **lexbig.jar** - Latest jar from LexEVS Lucene build
- arq-2.8.5.jar (replaced arq.jar)
- aspectjrt-1.7.2.jar (replaced aspectjrt-1.6.8.jar)
- aspectjweaver-1.7.2.jar (replaced aspectjweaver-1.6.8.jar)
- commons-beanutils-1.8.3.jar (replaced commons-beanutils-1.8.0.jar)
- commons-cli-1.2.jar (replaced commons-cli-1.0.jar)
- commons-codec-1.10.jar (replaced commons-codec-1.3.jar)
- hsqldb-2.0.0.jar (replaced hsqldb-1.8.0.10.jar)
- icu4j-3.6.1.jar (replaced icu4j-3.6.jar)
- jena-2.6.4.jar (replaced jena-2.5.4.jar)
- junit-4.10.jar (replaced junit-4.4.jar)
- looks-2.1.4.jar (replaced looks-2.1.3.jar)

## Lucene Jars Removed

The following jars are from Lucene 2.4.1 and have been removed:

- lucene-analyzers-2.4.1.jar
- lucene-core-2.4.1.jar
- lucene-queries-2.4.1.jar
- lucene-regex-2.4.1.jar
- lucene-snowball-2.4.1.jar

## Lucene Jars Added

The following jars from Lucene 5.3.1 have been added:

- lucene-analyzers-common-5.3.1.jar
- lucene-analyzers-phonetic-5.3.1.jar
- lucene-codecs-5.3.1.jar
- lucene-core-5.3.1.jar
- lucene-join-5.3.1.jar
- lucene-queries-5.3.1.jar
- lucene-queryparser-5.3.1.jar
- lucene-sandbox-5.3.1.jar
- lucene-test-framework-5.3.1.jar

## Serialization Jars Added

The following jars have been added for assisting with serializing Lucene objects (Lucene no longer serializes their objects):

- kryo-2.21.jar
- kryo-serializers-0.37.jar
- minlog-1.2.jar

