

ElasticIndexer

The ElasticIndexer listens to the repository generated JMS events to perform elastic indexing for [ElasticSearch](#). It implements the [org.fcrepo.indexer.Indexer](#) interface for the indexing functionality, which consists of the methods to handle new/updated records and deleted records. Currently, the ElasticIndexer is experimental, or intended for demonstration purpose only. To use the ElasticIndexer, please download and install [ElasticSearch](#).

Configuration

The indexer is configured using Spring that can be done with the Java bean setter methods. Here is the [configuration file](#) showing how to configure and test with the ElasticIndexer:

```
<!-- Elasticsearch gear -->
<bean id="elasticClient" class="org.fcrepo.indexer.elastic.ElasticClientFactory" factory-method="client"/>

<!-- ElasticIndexer -->
<bean id="elasticIndexer" class="org.fcrepo.indexer.elastic.ElasticIndexer"
      p:indexName="testindex" p:searchIndexType="testType"/>
```

The [ElasticSearch](#) client configured above can be initiated with the configuration file [elasticsearch.yml](#):

```
discovery.zen.ping.multicast.enabled: false
cluster:
  name: testCluster
node:
  name: testNode
  local: true
index:
  store:
    type: memory
```