

Lucene data store and services

Lucene data store will contain lines for each record and record file in the system.

All data in **Lucene data store** will be sent to Elastic search. Every time a record is updated an entry is made in **Lucene data store**, and by default the data is sent synchronously to ElasticSearch (fulltextBatchProcessBlobs).

Files are instead put in the **Lucene file queue**. By default the indexer is notified immediately, and will start executing the **Lucene file queue**. When finished each translated text is written back into the **Lucene data store** and deleted from the **Lucene file queue**. Data is by default sent to Elastic search right away (fulltextBatchProcessFiles).

TS contains 2 services

- Data index builder
- File index builder

These services send data from **Lucene data store** to ElasticSearch. As mentioned this will normally be carried out automatically / synchronously, unless some kind of error occurs - like Elastic being offline etc. In that case unprocessed items queue up: In the datastore, file queue or both.

Running the services will handle everything in the queues.

Consider having **Data index builder** running every day (1440 mins) to clean up the queue now and then.

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