

The lucene Module

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1. Introduction

The lucene module integrates the Lucene search engine.

2. Configuration

Each publication has a configuration at `$PUB_HOME/config/search/lucene_index.xml` which is being defined by

```
org.apache.cocoon.components.search.components.impl.IndexManagerImpl.
```

3. Indexing

Indexing is typically triggered by the `org.apache.lenya.cms.lucene.IndexUpdaterImpl`, which attaches itself as a listener to the repository on startup.

Indexing can also be executed explicitly by calling the `lucene.index` usecase which is defined by `config/cocoon-xconf/usecase-lucene.index.xconf` and uses as main entry point `org.apache.lenya.cms.lucene.IndexDocument`.

In order to make a resource type indexable one needs to add the format `luceneIndex` to the resource type configuration (e.g. `src/modules/xhtmll/config/cocoon-xconf/resource-type-xhtml.xconf`) One needs to create or reuse a pipeline for this format within the specified sitemap.

4. Searching

To be documented.