# Apache Lucene - Building and Installing the Basic Demo

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## 1. About this Document

This document is intended as a "getting started" guide to using and running the Lucene demos. It walks you through some basic installation and configuration.

## 2. About the Demo

The Lucene command-line demo code consists of an application that demonstrates various functionalities of Lucene and how you can add Lucene to your applications.

## 3. Setting your CLASSPATH

First, you should download the latest Lucene distribution and then extract it to a working directory.

You need two JARs: the Lucene JAR, and the Lucene demo JAR. You should see the Lucene JAR file in the directory you created when you extracted the archive -- it should be named something like `lucene-core-{version}.jar`. You should also see a file called `lucene-demo-{version}.jar`.

Put both of these files in your Java CLASSPATH.

## 4. Indexing Files

Once you've gotten this far you're probably itching to go. Let's build an index! Assuming you've set your CLASSPATH correctly, just type: java org.apache.lucene.demo.IndexFiles -docs {path-to-lucene}/src This will produce a subdirectory called `index` which will contain an index of all of the Lucene source code.

To search the index type: java org.apache.lucene.demo.SearchFiles You'll be prompted for a query. Type in a swear word and press the enter key. You'll see that the Lucene developers are very well mannered and get no results. Now try entering the word "string". That should return a whole bunch of documents. The results will page at every tenth result and ask you whether you want more results.

## 5. About the code...

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