Welcome to PyLucene

Table of contents

1. What is PyLucene ?

PyLucene is a [Python](#) extension for accessing Java [Lucene](#). Its goal is to allow you to use Lucene's text indexing and searching capabilities from Python. It is API compatible with the latest version of Java Lucene, version 2.4.0 as of October 19th, 2008.

PyLucene is not a Lucene port but a Python wrapper around Java Lucene. PyLucene embeds a Java VM with Lucene into a Python process. The PyLucene Python extension, a Python module called `lucene`, is machine-generated by JCC.

PyLucene is built with [JCC](#), a C++ code generator that makes it possible to call into Java classes from Python via Java's Native Invocation Interface (JNI). Sources for JCC are included with the PyLucene sources.

See [here](#) for more information and documentation about PyLucene.

2. Requirements

PyLucene is supported on Mac OS X, Linux, Solaris and Windows.

PyLucene requires Python version 2.x (x >= 3.5) and Java version 1.x (x >= 4). Building PyLucene requires GNU Make, a recent version of [Ant](#) capable of building Java [Lucene](#) and a C++ compiler. Use of [setuptools](#) is recommended.

See the JCC [installation instructions](#) for more information about building JCC from sources.

See the PyLucene [installation instructions](#) for more information about building PyLucene from sources.

3. News

3.1. 08 Jan 2009 - PyLucene joins Apache Lucene as a Subproject

The Lucene PMC is pleased to announce the arrival of PyLucene as a Lucene subproject. PyLucene was previously hosted at the Open Source Applications Foundation since its inception in early 2004.