



Lyra

About the Application

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About the Application

About

Lyra is a front-end to the **Music Player Daemon (MPD)** written in the **Java** language for platform independence. Based loosely on the **Creative Media Source** software, this application aims to support large collections of albums and artists.

Another interesting feature about **Lyra** is its implementation of a local cache of the music library. This can lead to a decrease in load time and permits the application to implement features that the host daemon does not inherently support such as ratings.

License

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Third Party Modules

Lyra requires third party elements in order to function excluding the **Music Player Daemon** itself. The following is a listing of elements used in the application itself.

Xerial SQLite JDBC	Description	SQLiteJDBC library, requires no configuration since all native libraries for Windows, Mac OS X, Linux and pure-java SQLite, which works in any OS enviroment, are assembled into a single JAR (Java Archive) file.
	Site	http://www.xerial.org/trac/Xerial/wiki/SQLiteJDBC
	License	Apache License version 2.0
	Copyright	Copyright (c) 2007 David Crawshaw < david@zentus.com > Copyright (c) 2009 Taro L. Saito < leo@xerial.org >

SQLite	Description	SQLite is a software library that implements a self-contained, serverless, zero-configuration, transactional SQL database engine. SQLite is the most widely deployed SQL database engine in the world.
	Site	http://www.sqlite.org/
	License	Public Domain
	Copyright	Nil

ICEpdf	Description	ICEpdf is an open source Java PDF library ideal for displaying and printing PDF documents within any Java application. The ICEpdf API is 100% Java-based, lightweight, fast, efficient and very easy to use. ICEpdf is 100% Java-based. ICEpdf is capable of rendering PDFs up to version 1.6 (Acrobat 7.0).
	Site	http://www.icepdf.org/
	License	Mozilla Public License (MPL)
	Copyright	Copyright (C) 2004-2011 ICEsoft Technologies

About the Application

Apache Commons

Description	Lang provides a host of helper utilities for the java.lang API, notably String manipulation methods, basic numerical methods, object reflection, concurrency, creation and serialization and System properties. Additionally it contains basic enhancements to java.util.Date and a series of utilities dedicated to help with building methods, such as hashCode, toString and equals.
Site	http://commons.apache.org/lang/
License	Apache License
Copyright	Copyright(C) 2001-2011 The Apache Software Foundation

JFreeChart

Description	JFreeChart is a free 100% Java chart library that makes it easy for developers to display professional quality charts in their applications. JFreeChart's extensive feature set includes, a consistent and well-documented API, a flexible design that is easy to extend and support for many output types.
Site	http://www.jfree.org/jfreechart/
License	GNU Lesser General Public Licence (LGPL)
Copyright	Copyright 2000-2011, by Object Refinery Limited and Contributors.

Batik

Description	Batik is a Java-based toolkit for applications or applets that want to use images in the Scalable Vector Graphics (SVG) format for various purposes, such as display, generation or manipulation.
Site	http://xmlgraphics.apache.org/batik/
License	GNU Lesser General Public Licence (LGPL)
Copyright	Licensed to the Apache Software Foundation (ASF).

Icons

Icons used and displayed throughout **Lyra** have been created by [Axialis Software](#). All of the icons are licensed under the **Creative Commons Attribution License**, with **Copyright 2010 the Axialis Team**.

Runtime Software

Runtime software plays a part in the deployment and execution of the application itself. With the exception of Java itself, the components listed below are optional and can be bypassed entirely if required.

Launch4j

Description	Launch4j is a cross-platform tool for wrapping Java applications distributed as jars in lightweight Windows native executables. The executable can be configured to search for a certain JRE version or use a bundled one, and it's possible to set runtime options, like the initial/max heap size.
Site	http://launch4j.sourceforge.net/
License	Massachusetts Institute of Technology (MIT) License
Copyright	Copyright (C) 2004, 2008 Grzegorz Kowal

Java Runtime Engine

Description	Java is general-purpose, concurrent, class-based, and object-oriented, and is specifically designed to have as few implementation dependencies as possible. It is intended to let application developers “write once, run anywhere”.
Site	http://www.java.com/
License	Binary Code License Agreement
Copyright	Copyright (C) Sun Microsystems, Inc Copyright (C) Oracle Corporation

NSIS

Description	The Nullsoft Scriptable Install System (NSIS) can create Windows installers that are capable of installing, uninstalling, setting system settings, extracting files, etc. Because NSIS is based on script files, you can create both simple and advanced installers.
Site	http://nsis.sourceforge.net/
License	zlib/libpng license
Copyright	Copyright (C) 1995-2009 Contributors
