

ARCUMS

Version 1.0

User Manual

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1. Introduction and History

ARCUMS (short for Advanced Radio Catalog and User Management System) is a web based application for managing a radio station. It provides an easy to use environment in which radio Djs can log played songs, lookup albums in a catalog, post to a blog, and discover new music.

Taking advantage of available APIs, ARCUMS connects with Amazon and Audioscrobbler (Last.fm) to enhance its users experience. Albums can be added to the catalog by simply scanning in the barcode and letting amazon do the rest of the work. While browsing your catalog, Djs will be presented with similar artists that are also in the catalog, possibly being introduced to new music.

ARCUMS was first created by Dustin Alcock for Northern Michigan University's student run radio station, Radio X (WUPX Marquette) in 2007. Development was continued after Dustin graduated in 2009 by Matthew Knox. In 2011 Matthew decided to begin working to release ARCUMS as an open-source project with the permission of Dustin and Radio X.

2. Installation

2.1 Hardware Requirements

//MINIMUM HARDWARE REQUIREMENTS FOR LAMP

//SUGGESTED HARDWARE REQUIREMENTS FOR LAMP

2.2 Software Requirements

Web Server: Up to date version of Apache or IIS.

PHP: Up to date version of PHP with binary interpreter.

Database: Up to date version MySQL.

2.3 Procedure

//DESCRIBE THE INSTALLATION PROCEDURE ONCE THE SCRIPT IS WRITTEN!

2.4 Database setup

2.5 Configuration

3. About ARCUMS

3.1 Features

3.1.1 User Management

//DESCRIBE USER MANAGEMENT

3.1.2 Charting

//DESCRIBE CHARTING

3.1.3 Album Catalog

//DESCRIBE CATALOG

3.1.4 Blog

//DESCRIBE BLOG

3.2 Important Files and Directories

//LIST CODE FILES WITH PURPOSES, ALONG WITH CONFIG FILES

3.3 Database Layout

//DESCRIBE DATABASE LAYOUT