

Remote Democratic Jukebox

Build Instructions

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Team Name: Team #25

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Modification history:

Version	Date	Who	Comment
v0.0	05/13/13	S. Applegate	Template
v0.1	04/21/14	T. Loon	Filled out all sections within this document. Added build instructions for a new user.
v0.2	04/21/14	T. Loon	Finished up and finalized the document.
v0.3	04/21/14	J. Graham	Quick changes to build instructions.

Materials Required

System Requirements

➤ Developer Environment

- Java Developer Kit version 1.7.0 or higher
- Eclipse IDE version 4.3 or higher.

➤ Main Application

- One of the following operating systems:
 - Windows Vista or later
 - Mac OS X 10.7 or later
 - Linux

- Java Runtime Environment version 7 or higher

➤ **Web Application**

- One of the following mobile operating systems:
 - iOS 7 or later
 - Android version 4.3 or later
- One of the following mobile browser applications:
 - Chrome
 - Safari
 - Android Browser

Hardware Requirements

- A personal computer with speakers
- A wireless router
- A mobile device/tablet/another personal computer

Software Requirement

- A zip file that contains a copy of the required software.
- An application to unzip the software folder and extract the files to a new location.

Installation Instructions

1. Unzip the RDJ.zip folder.
2. Extract the RDJ folder to a preferred location.
3. Once extracted, go to the extracted folders location and open it.
4. You should see an RDJ.jar file. This is the executable file which will run the application on your computer.
5. Run the file and the application should open on your computer.

(Optional: You can create a shortcut or alias of this file (RDJ.jar) and put it in a more convenient location on your computer's main interface).

Build Instructions

1. Unzip the RDJ.zip folder.
2. Extract the RDJ folder to a preferred location.
3. Open Eclipse and follow the prompts until you get to the main application.
4. Go to the File menu and click on the Import button.
5. Select 'Existing Projects into Workspace' from the 'General' list. Click Next.

6. Under 'Select Root Directory', click the browse button.
7. Select the 'RDJ Source Code' folder which can be found in the RDJ folder you extracted earlier.
8. Click 'OK' and then click the 'Finish' button.
9. You should now see the project labeled "Remote Democratic Jukebox" under the projects tab.
10. To build the executable .jar file, right-click on the project and select "Export". This should open the Export wizard.
11. On the first window of the wizard, select the submenu "Java" and select "Runnable JAR File" and click "Next".
12. On the second window of the wizard, select "MediaPlayerFrame - Remote Democratic Jukebox" as the Launch configuration and select an export destination of your choosing, then click "Finish".
13. Once exported, go into the source RDJ folder you extracted above and copy the folder "web" to the folder you exported the JAR file to.
14. Navigate your file browser to the folder containing the exported JAR file. From here, run the JAR file. You should see the Remote Democratic Jukebox application open.