
VideoSync - Installation

Installation Requirements - Development

- Eclipse IDE (others may be used as well. This document covers instructions for Eclipse).
 - Download from <https://www.eclipse.org/downloads/>
 - Eclipse Addons:
 - Eclipse Window Builder: <http://download.eclipse.org/windowbuilder/WB/release/R201309271200/4.3/>
 - Tutorials/Users manual: <http://help.eclipse.org/kepler/index.jsp?topic=%2Forg.eclipse.wb.doc.user%2Fhtml%2Findex.html>
 - Installation Directions: <http://download.eclipse.org/windowbuilder/WB/integration/4.2/>
- Java JDK 6 or newer
- Additional Required Libraries (minimum version numbers listed):
 - JNA 3.5.2
 - <http://repo1.maven.org/maven2/net/java/dev/jna/jna/3.5.2/jna-3.5.2.jar>
 - MigLayout15
 - http://sourceforge.net/projects/photoviewer/files/bot/1.0/miglayout15-swing.jar/download?use_mirror=iweb
 - Platform 3.5.2
 - <http://repo1.maven.org/maven2/net/java/dev/jna/platform/3.5.2/platform-3.5.2.jar>
 - VLCJ 2.3.1
 - <http://vlcj.googlecode.com/files/vlcj-3.0.1-dist.zip>

Installation Instructions into Development Environment

1. Install Eclipse
2. Open Eclipse
3. Install Eclipse Window Builder
4. To Import Project to Eclipse
 1. Select File -> Import.
 2. Expand "General", choose "Existing Projects into Workspace" and select Next
 3. Choose "Select archive file", click browse and select your archive file.
 4. It should show up in the "Projects" window and be selected.
 5. Select Finish.

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5. Add Required Libraries to project (if no errors are indicated).
 1. Right click on Project Name in the Package Explorer
 1. If "Package Explorer" or "Project Explorer" is not open, do the following:
 1. Select Window -> Show View -> Project Explorer
 2. Select "Properties"
 3. Select "Java Build Path" from left menu area
 4. Switch to the "Libraries" tab
 5. If you see "jna-3.5.2.jar" and it has a red "x" on it, click on it and click "Remove"
 6. If you have not done so, add the Jar to the project in the workspace (drag and drop to the file into the project)
 7. Select "Add JARs..." and choose the jar file you wish to add.
 8. Do this for any additional required JAR files, and then exit.
 6. Run the program.

Export Instructions - From Development To Production

1. Right click on Project Name and select "Export"
2. Select "Java" -> "Runnable JAR File"
3. In Launch Configuration, choose the correct class name from the corresponding project.
4. Choose an export Destination
5. Select "Extract required libraries into generated JAR"
6. Click Finish.

Installation Requirements - Production

- Java JRE 6 or newer
- JAR file of VideoSync program created from Eclipse Export.

Installation Instructions - Production

1. Double click on the JAR file that was exported from the development environment.

Project Tasks to be completed:

- Needs to be updated to add all the features and functionalities of the original program