

# **YouTube Java**

## **Developer Manual**

### **Installing and Compiling YouTube Java from Source**

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# 1. Getting Eclipse

1.1. We recommend that you use Eclipse; as that is what we developed YouTube Java with:

Please Visit: <http://www.eclipse.org/> and click the button which says “Get started now – Download Eclipse”. You will now be downloading the Eclipse Integrated Development Environment, once this is complete; please double click on the installer file and follow the instructions to complete the installation of Eclipse.

1.2. Get a copy of Subclipse SVN Client for Eclipse:

Subclipse Website :

<http://subclipse.tigris.org/>

1. In Eclipse go to Help > Software Updates > Find and Install
2. Click “Add site”
3. Enter the URL: [http://subclipse.tigris.org/update\\_1.6.x](http://subclipse.tigris.org/update_1.6.x)
4. Click refresh and select all the checkboxes that related to Subclipse SVN

## 2. Get a Copy of YouTube Java:

2.1. After you have have completed the installation and launched Eclipse and it's subclipse plugin, you have to create a new project.

2.2. Create a new project called YouTubeJava:

1. Go to File > New
2. Select Java Project
3. Call it YouTubeJava and have it create a Main for you; this will be overwritten , so it doesn't matter

2.3. Get Subversion source files

1. Right click on the project you have just created, select Team > Share

Project.

2. Subclipse will guide you through the set up process; our source address is (for anonymous users):  
`http://itb-cs.googlecode.com/svn/trunk/ itb-cs-read-only`
3. Select YouTubeJava from the list of folders it presents to you.
4. The Wizard will finish... Subversion is set up.
5. To get the source code simply right click on your project: Replace With > Latest from repository. You will now have all the YouTubeJava source code.

### 3. Sorting out dependencies

3.1. YouTube Java depends on no fewer than YouTube, Gdata, JavaMail and JDIC libraries. All of them you should have received copies of in Step 2.3 (5)

3.2. To make sure your copy knows where to find the correct libraries; right click on your project in Eclipse's Project Viewer. Select Properties

1. Go to Java Build Path
2. Select Libraries
3. Click "Add" and individually add each Jar file which are located in the YouTube Java project.
4. Once you have added them all; simply close properties and the build errors should be gone.

### 4. Building and Running

4.1. Eclipse builds each project as you run it. Simply click the Green Run arrow and select Main.java under the YouTubeJava package as the main. Eclipse will now compile and run YouTubeJava! Have fun!

### 5. Feedback

5.1 We the developers of YouTube Java, would be most grateful for any feedback you have about this program and how it works. It is an open source project at Google Code, so you can even inspect the source code to see how YouTube Java works.

5.2 Links

Google Code Project:

<http://code.google.com/p/itb-cs/>

Downloads:

<http://code.google.com/p/itb-cs/downloads/list>

Mailing List (Closed, Apply to join):

<http://groups.google.com/group/itbcs>

Bug Tracker:

<http://code.google.com/p/itb-cs/issues/list>

Source Code Repository:

<http://code.google.com/p/itb-cs/source/checkout>

## 6. License

### 6.1 This manual

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### 6.2 Source Code

YouTube Java – A Java Program for YouTube's Video Service  
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## 7. Glossary of Terms

- Eclipse – An Integrated Development Environment by IBM; now the Eclipse foundation.
- Java – The Computer Language YouTubeJava is written in. Developed by and a trademark of Sun Microsystems Inc.
- Subclipse – A Subversion plugin to add the option to connect to a Subversion server in Eclipse.
- Subversion – A source code repository which manages merges, branching, and release of source code.
- Youtube – A Video Sharing website where anyone can upload and distribute video clips. Owned by Google Inc.

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End of the Developers Manual for YouTube Java!