Tutorials

Git with SourceTree:

<https://www.youtube.com/watch?v=UD7PV8auGLg>

Server

REST Concepts + working with Java web services (server-side): <https://www.youtube.com/watch?v=xkKcdK1u95s&list=PLqq-6Pq4lTTZh5U8RbdXq0WaYvZBz2rbn>

Working with Hibernate (Mappings from Database to Data models – Server-side)

<https://www.youtube.com/watch?v=Yv2xctJxE-w&list=PL4AFF701184976B25>

Client

Retrofit – a library that helps communicate with the server API

<https://www.youtube.com/watch?v=R4XU8yPzSx0>

Installation components

General:

Source Tree (version control)

Android studio (Client-side IDE)

Eclipse J2EE (Server-side IDE)

Apache Tomcat 9.0 (Java Server container)

Jersey (JAX-RS implementation)

Installation log

1. Download & install android studio for client-side development

* If you don’t have JDK or JDE then you will have to install them as well and the installer will tell you how (maybe)

1. Download & install eclipse J2EE for server-side development

* Go to the REST tutorial part 10 to see how to install server environment
* Might need to set environment variables for tomcat, don't remember if it's in the videos

1. Download SourceTree for version control
2. Create GitHub user

* Clone repository with URL : https://github.com/quwala/dingy-server.git
* Select any location in your pc to be the repository path, doesn't matter.

1. In Android studio, go to open=> open existing project and open the client project that's in the repository you cloned in step 4)

At <repository path>/code/client/Dingy

1. When you open eclipse, set the workspace to be <repository path>/code/server (I think) so you can work on the server code.