**Microservices**

**Normal API Communication**

1. Movie Catalog Service



1. Movie Info Service
2. Ratings Data Service

Reference:

<https://www.youtube.com/watch?v=bTFIduBgXuo&list=PLqq-6Pq4lTTZSKAFG6aCDVDP86Qx4lNas&index=8>

**Service Discovery**

<https://www.youtube.com/watch?v=e09P-CkCvvs&list=PLqq-6Pq4lTTZSKAFG6aCDVDP86Qx4lNas&index=17>

Client Side Service Discovery (**SPRING CLOUD USE THIS MODEL**)





Server Side Service Discovery



**Spring Cloud -> Eureka from Netflix**

https://www.youtube.com/watch?v=GTM2J0nYmbs&list=PLqq-6Pq4lTTZSKAFG6aCDVDP86Qx4lNas&index=19



Note:

Eureka Server will error on Java 11

Fix it by adding jaxb dependency on pom file: <https://github.com/norricorp/sb_eureka_java11/blob/master/pom.xml>

Make sure server port is not used:

<https://stackoverflow.com/questions/49789925/com-sun-jersey-api-client-clienthandlerexception-java-net-connectexception-con>



Eureka Client dependency error:

Specify version and add dependency Management

<https://stackoverflow.com/questions/63693570/cannot-resolve-org-springframework-cloudspring-cloud-starter-netflix-eureka-cli>

Youtube Tutorial:

<https://www.youtube.com/watch?v=y8IQb4ofjDo&list=PLqq-6Pq4lTTZSKAFG6aCDVDP86Qx4lNas>

**Calling External API (movieDB)**

<https://www.youtube.com/watch?v=7nKKD2rKpUk&list=PLqq-6Pq4lTTbXZY_elyGv7IkKrfkSrX5e&index=4>

