

# RMI Example

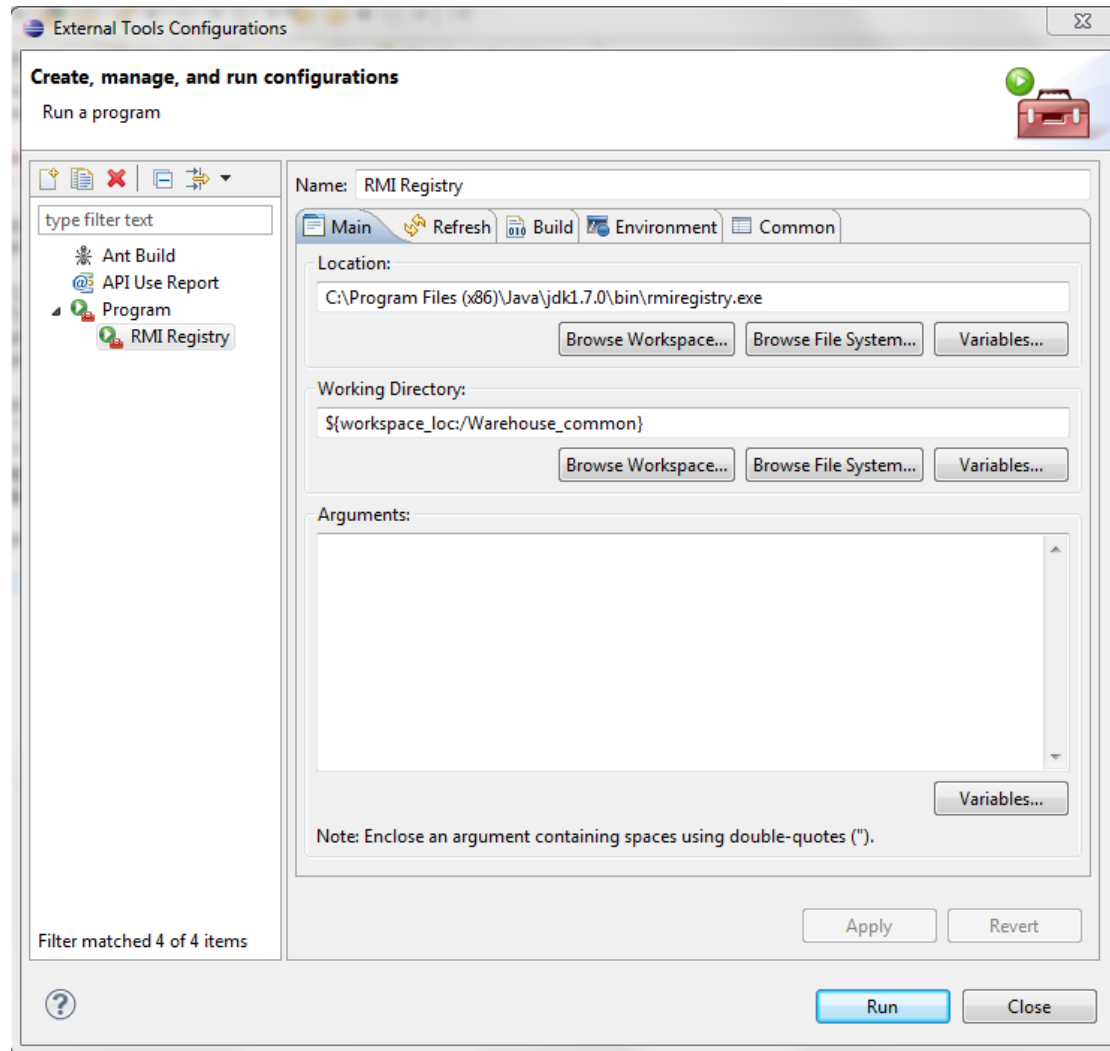
# About the project setup

- The example is divided into three projects
  - Warehouse\_client
    - Contains the code related to the client
  - Warehouse\_common
    - Contains the code shared between server and client. It is imported by both the client project and the server project in order to compile
  - Warehouse\_server
    - Contains the code related to the server

# Running the example

- To run the example
  1. Setup rmiregistry location
  2. Start rmiregistry
  3. Start NanoHTTPD
  4. Start Server
  5. Start Client

# Setup rmiregistry location



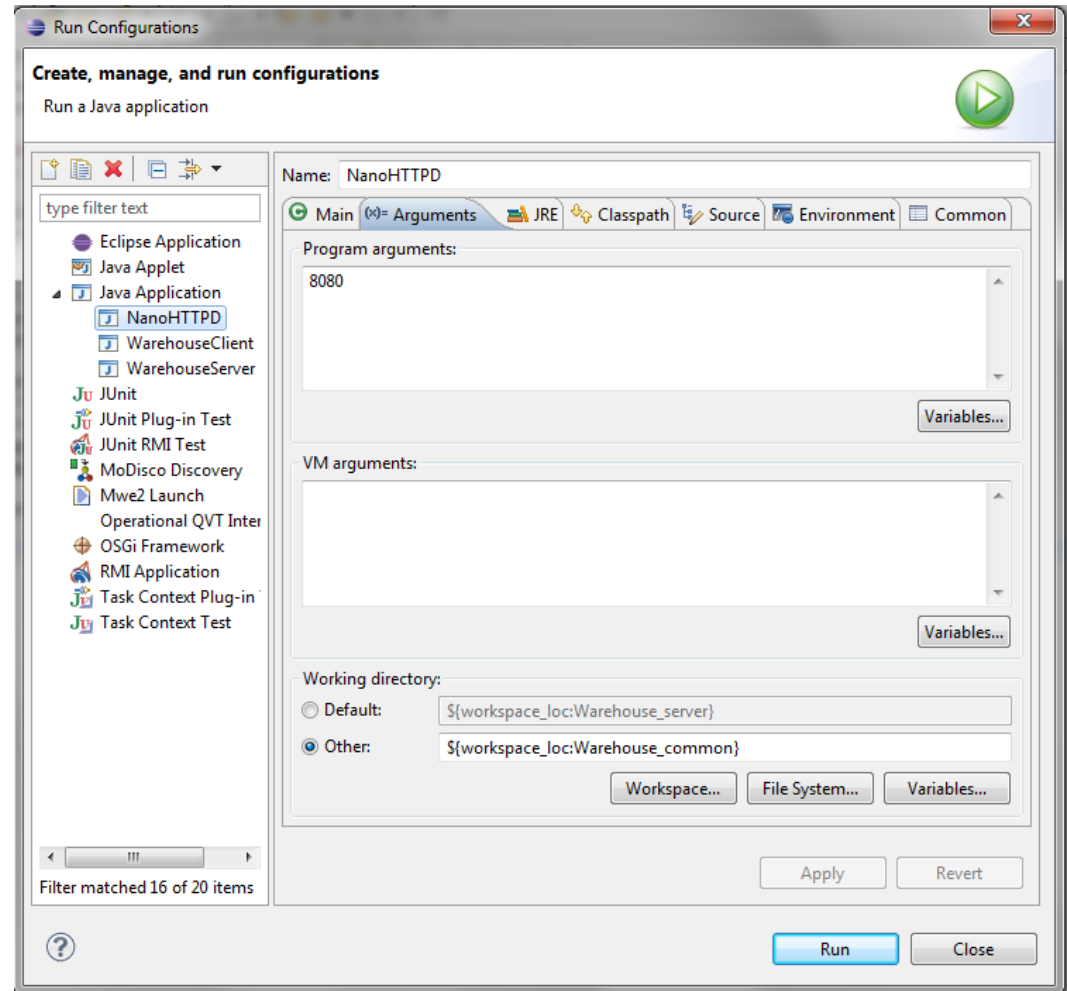
# Start rmiregistry

- Click on the Eclipse external tools button
- Run the RMI Registry setup created previously



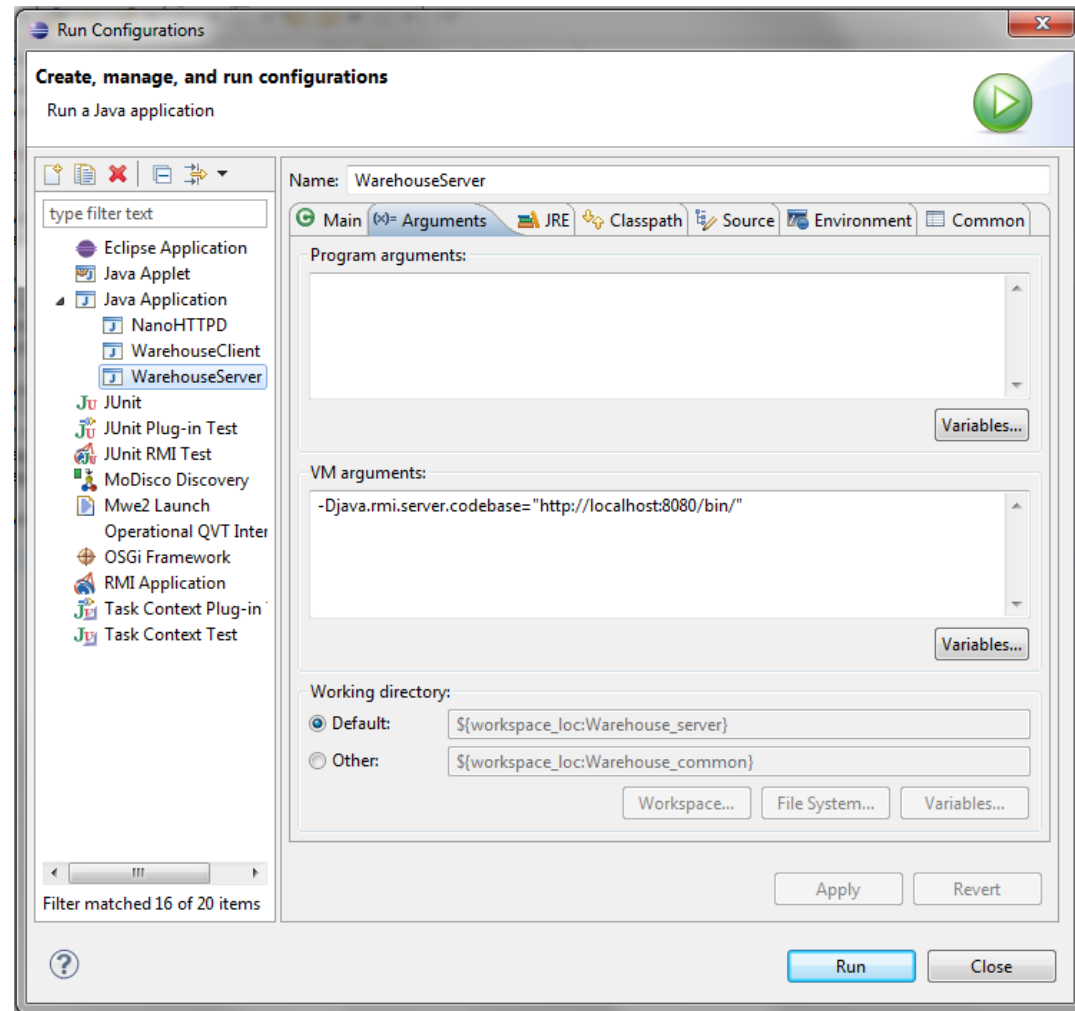
# Start NanoHTTPD

- Go to the run configurations menu and run NanoHTTPD
- It runs on port 8080
- To see if it is working just open a browser on <http://localhost:8080>



# Start Server

- Go to the run configurations and run WarehouseServer
- The `java.rmi.server.codebase` property specifies where the remote interfaces can be found (`Warehouse.class`)
- After starting the server you can see in the NanoHTTPD console the `rmiregistry` downloading `Warehouse.class`



# Start Client

- Go to the run configurations and run WarehouseClient
- No additional argument is needed

