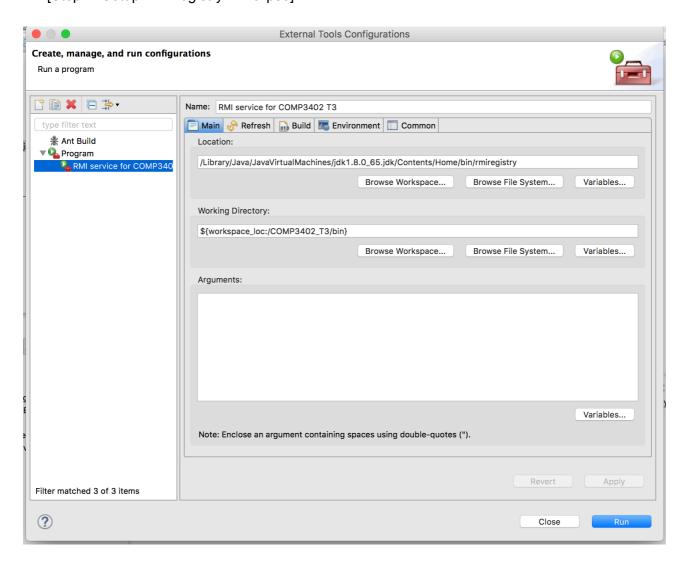
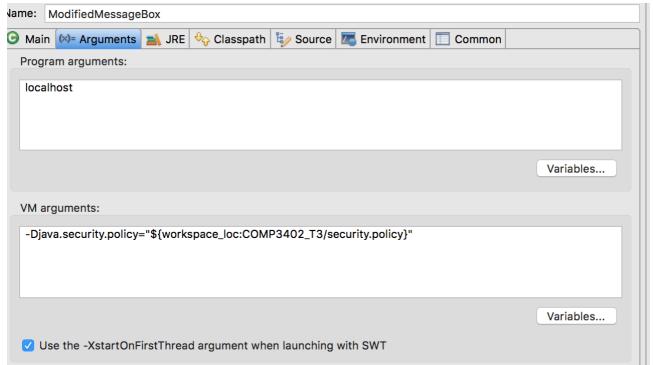
## COMP3402 Tutorial 03 Topic: RMI (Remote Method Invocation)

1. [Step 1: Setup RMI registry in Eclipse]

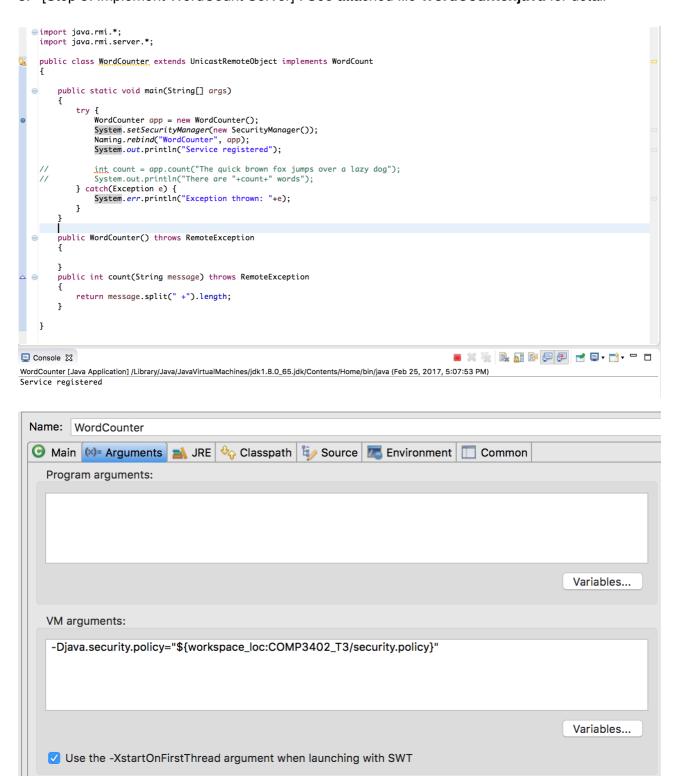


2. [Step 2: Implement WordCount client] : See attached file ModifiedMessageBox.java for detail





## 3. [Step 3: Implement WordCount Server] : See attached file WordCounter.java for detail



- 4. [Exercise: Running WordCount server on different machine]:
  - 1. Server machine: MAC, Client machine: Windows
  - 2. Run rmiregistry service on server machine [IP address: 147.8.115.109]
  - 3. Run WordCounter program on server



4. Run client application on a Windows machine [IP address: 147.8.182.221]

```
Ethernet adapter Ethernet:

Connection-specific DNS Suffix : eee.hku.hk
Link-local IPv6 Address . . : fe80::c5ab:4b69:4932:cb86%3
IPv4 Address . . : 147.8.182.221
Subnet Mask . . . : 255.252.0
Default Gateway . . : 147.8.180.17

Tunnel adapter Teredo Tunneling Pseudo-Interface:

Connection-specific DNS Suffix :
IPv6 Address . . : 2001:0:338c:24f4:1834:24d1:6cf7:4922
Link-local IPv6 Address . . : fe80::1834:24d1:6cf7:4922%8
Default Gateway . . : : Media disconnected
Connection-specific DNS Suffix : eee.hku.hk

Tunnel adapter isatap.eee.hku.hk:

Media State . . . . : Media disconnected
Connection-specific DNS Suffix : eee.hku.hk

Tunnel adapter 6T04 Adapter:

Connection-specific DNS Suffix : eee.hku.hk
IPv6 Address . . . : 2002:9308:b6dd:9308:b6dd
Default Gateway . . : 2002:c058:6301::1
2002:c058:6301::c058:6301
```

5. The WordCounter service runs successfully on client side.

