

```

public MessageBox(String rmiHost) {
    try {
        Registry registry = LocateRegistry.getRegistry(rmiHost);
        wordCounter = (WordCount) registry.lookup(name:"WordCounter");
    } catch (Exception e) {
        System.err.println("Exception thrown: " + e);
    }
}
}

```

Add command line argument to attach to provided IP

```

public class WordCounter extends UnicastRemoteObject implements WordCount {
    Run | Debug
    public static void main(String[] args) {
        try {
            WordCounter app = new WordCounter();
            System.setSecurityManager(new SecurityManager());
            Naming.rebind(name:"WordCounter", app);
            System.out.println(x:"Service Registered");
        } catch (Exception e) {
            System.err.println("Exception thrown: " + e);
        }
    }

    public WordCounter() throws RemoteException {}
    public int count(String message) throws RemoteException {
        System.out.println(x:"Counting");
        return message.split(regex:" +").length;
    }
}

```

Register Service

```

import java.rmi.Remote;
import java.rmi.RemoteException;

public interface WordCount extends Remote {
    int count(String message) throws RemoteException;
}

```

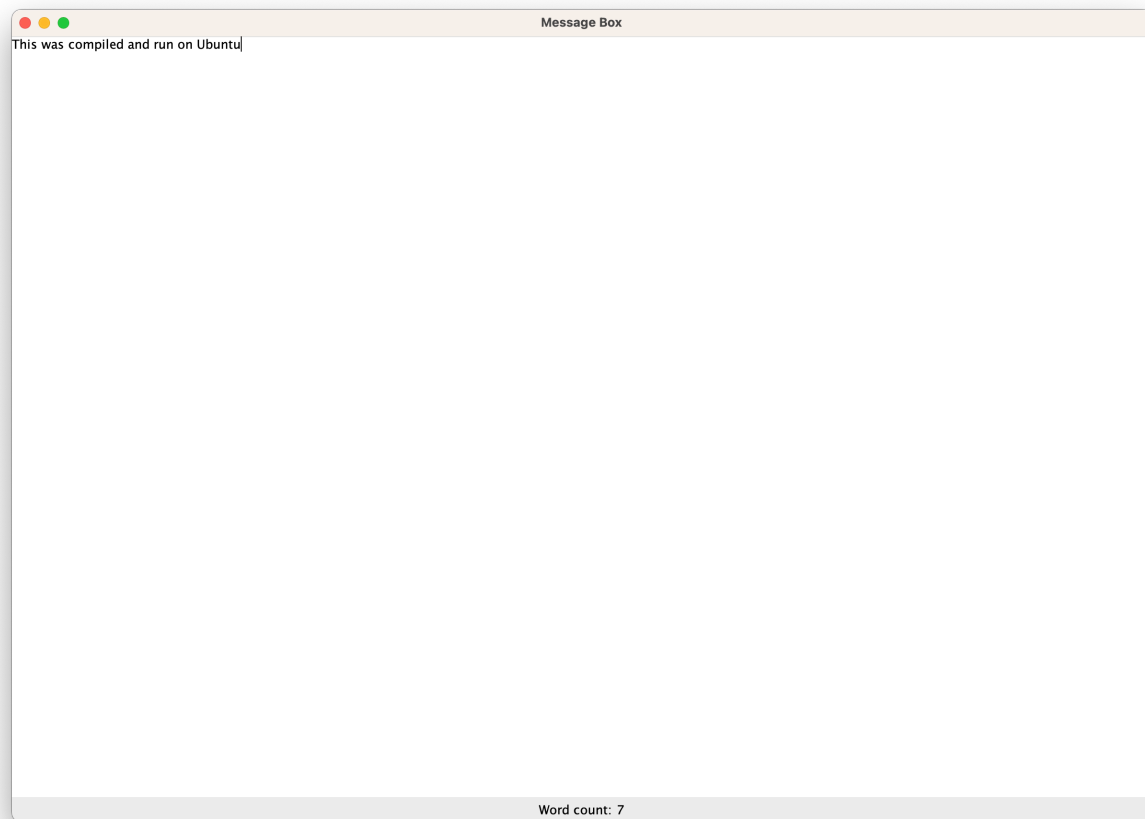
Interface for Service

```
• → T3 rmiregistry&
[1] 1790
• → T3 WARNING: A terminally deprecated method in java.lang.System has been called
WARNING: System::setSecurityManager has been called by sun.rmi.registry.RegistryImpl
WARNING: Please consider reporting this to the maintainers of sun.rmi.registry.RegistryImpl
WARNING: System::setSecurityManager will be removed in a future release
❖ → T3 /Library/Java/JavaVirtualMachines/jdk-1.8.jdk/Contents/Home/bin/java -Djava.security.policy=../security.policy WordCounter

Service Registered
█
```

Server T3
Client T3

Launch RMI Registry and Service (Using JDK8)



Output Window

```
• → T3 rmiregistry &
[1] 1620
• → T3 WARNING: A terminally deprecated method in java.lang.System has been called
WARNING: System::setSecurityManager has been called by sun.rmi.registry.RegistryImpl
• → T3 rmiregistry&
[1] 1790
• → T3 WARNING: A terminally deprecated method in java.lang.System has been called
WARNING: System::setSecurityManager has been called by sun.rmi.registry.RegistryImpl
WARNING: Please consider reporting this to the maintainers of sun.rmi.registry.RegistryImpl
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❖ → T3 /Library/Java/JavaVirtualMachines/jdk-1.8.jdk/Contents/Home/bin/java -Djava.security.policy=../security.policy WordCounter

Service Registered
Counting
Counting
Counting
Counting
Counting
Counting
Counting
```

Server Execution

