

Assignment 2

Java RMI

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Requirements

Functional requirements:

Users introduce the information of their cars using a simple form:

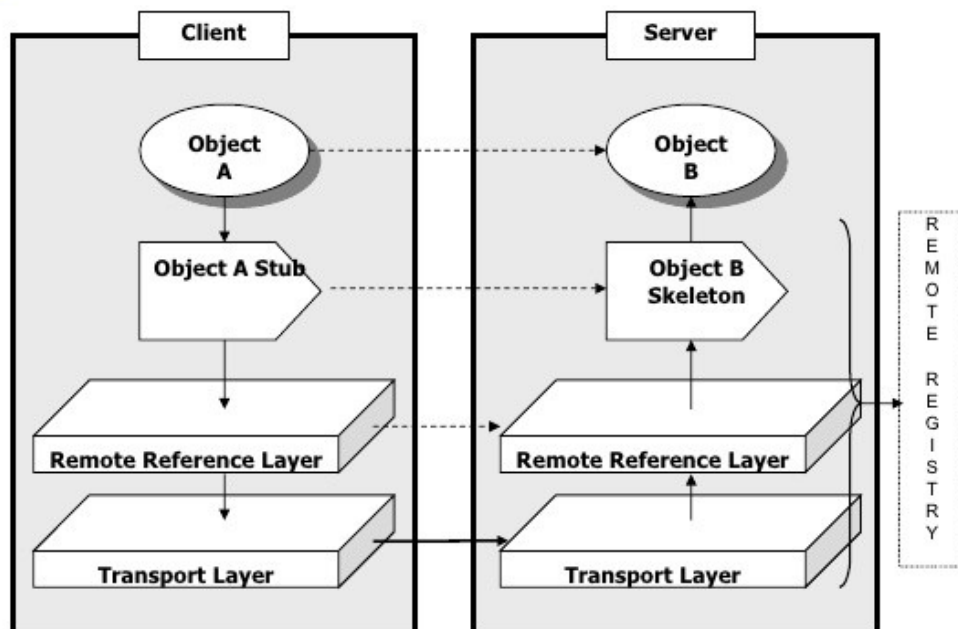
- int year – fabrication year
- int engineSize – engine size
- double price – purchasing price

The application uses RPC to send the car information to the distributed object from the server that computes the following information depending on the client request:

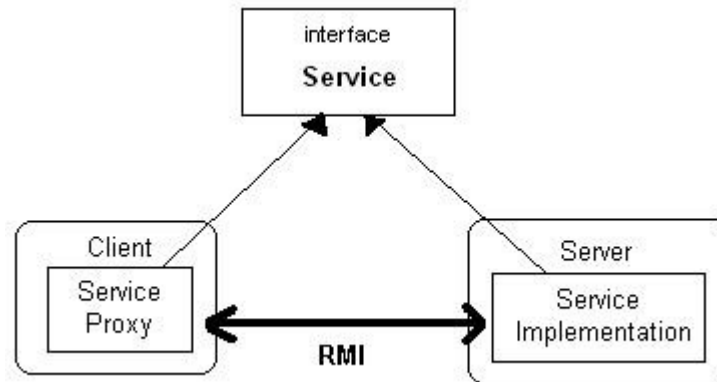
- Tax for a car
- Selling price for a car

The result of the invoked operation, tax, respectively selling price, is displayed on the client GUI.

Conceptual architecture of the distributed system



UML Deployment diagram



Readme file

How to run the application:

1.

```
javac src/com/mkyong/rmiinterface/RMIInterface.java  
src/com/mkyong/rmiserver/ServerOperation.java  
src/com/mkyong/rmiclient/ClientOperation.java src/com/mkyong/common/Car.java
```

2.

```
cd src
```

```
rmiregistry &
```

```
java com.mkyong.rmiserver.ServerOperation
```

3.

```
cd src
```

```
java com.mkyong.rmiclient.ClientOperation
```