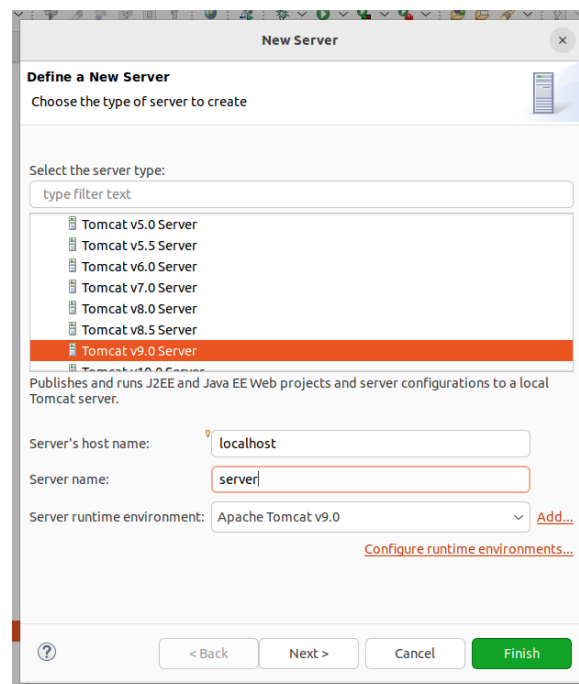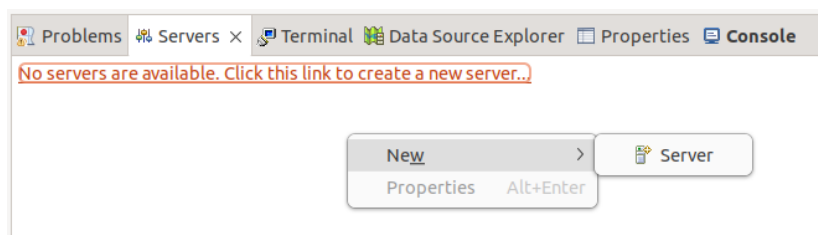# USER'S MANUAL

Welcome to the user's manual.

To have a better understanding of how to go around this project, we're going to guide you on the basics of its behavior.
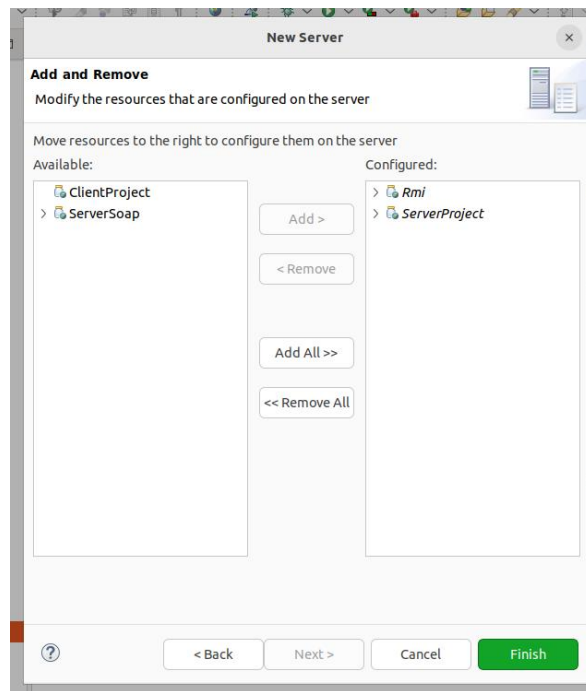
First, we must initiate rmiregisgtry on the source where our server is found:

```
mgdx@mgdx-VirtualBox:~/eclipse-workspace/Rmi/src/main/java/com/rmi$ ls
AddServerImpl.java  AddServerIntf.java  reservas.txt  RmiServer.java  Sombrilla.java
mgdx@mgdx-VirtualBox:~/eclipse-workspace/Rmi/src/main/java/com/rmi$ rmiregistry
```
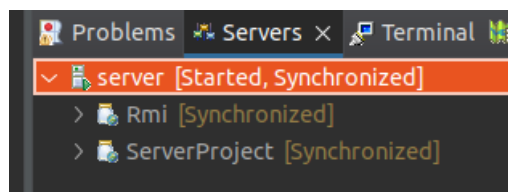
Knowing that the default port 1099, it is not necessary to add a new port. After that, we can start working on the server. We are going to focus on one of the two webservices options that are available on the project, RESTful webservice.

We begin creating the server:

Once it is already created, we can start the server which will be started on the port 8080 (as seen on the java code).
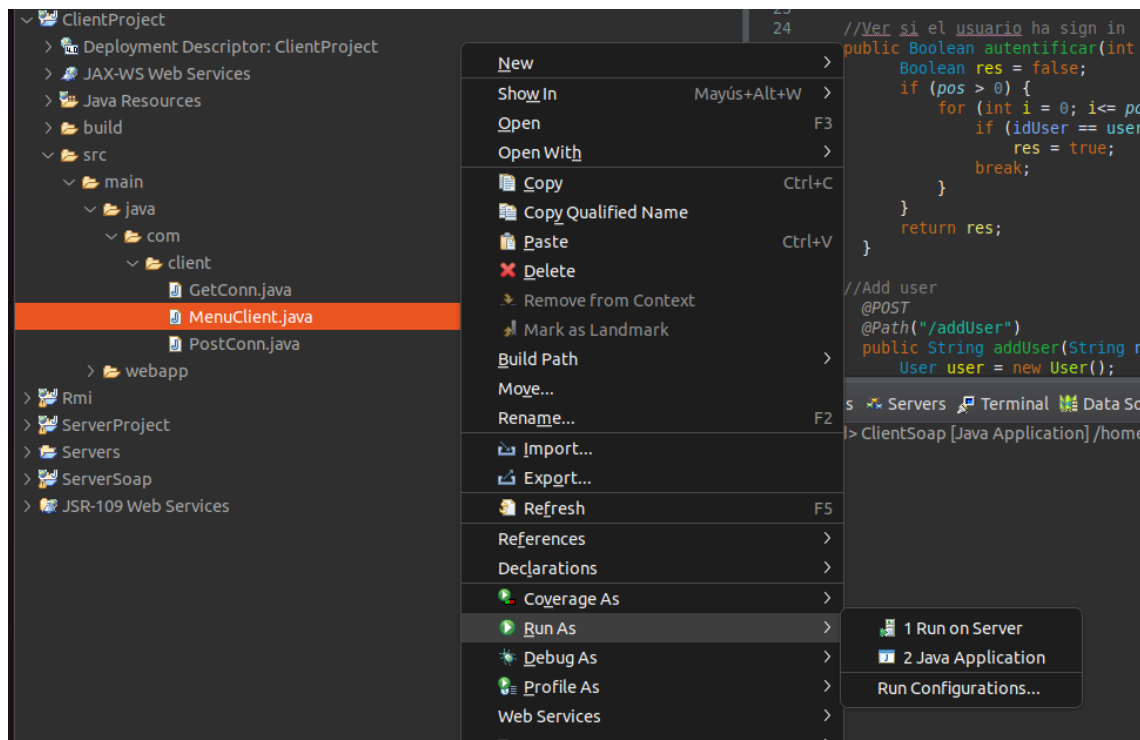

We can see the REST webservice is available:
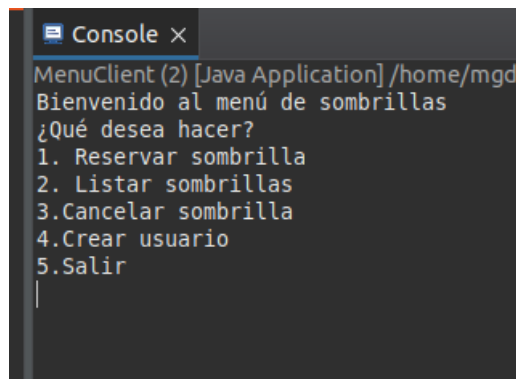

Available RESTful services:

Endpoint address: http://localhost:8080/ServerProject/rest
WADL : http://localhost:8080/ServerProject/rest?_wadl

Once the server is correctly running, we can start the MenuClient as Java Application:

And we will find the console shows the Menu to reserve those sun-umbrellas:

First, it is recommended to create a new user so you can reserve using your user id (if not, you will not complete the reservation). Choosing option 4, you can add you user name and you will get your new id:

```
3.Cancelar sombrilla
4.Crear usuario
5.Salir

4
Introduzca su nuevo nombre de usuario:

maria
Response From Server

Bienvenid@ maria, tu nuevo id es: 1
```

Each other option will allow the user to manage their reservations, see availability, to reserve a specific hour and beach, etc.

```
Bienvenido al menú de sombrillas
¿Qué desea hacer?
1. Reservar sombrilla
2. Listar sombrillas
3. Cancelar sombrilla
4. Crear usuario
5. Salir
1
Bienvenido al menú de reservas
1. Elegir playa
A
2. Elegir número de personas
2
3. Elegir hora
16
4. Introduzca su ID de cliente
1
reservando la sombrilla: A1
```

Example Reserve.

```
Bienvenido al menú de listado de sombrillas
1. Elegir playa
A
Sombrilla A1
libre a las: 8
libre a las: 9
libre a las: 10
libre a las: 11
libre a las: 12
libre a las: 13
libre a las: 14
libre a las: 15
libre a las: 17
libre a las: 18
libre a las: 19
Sombrilla A2
libre a las: 8
libre a las: 9
libre a las: 10
libre a las: 11
libre a las: 12
libre a las: 13
```

We can see that at 16:00 the A1 is not available.

```
Bienvenido al menú de cancelacion de sombrillas
1. Elegir playa
A
2. Introduzca el numero de la sombrilla
1
3. Introduzca su ID de cliente
1
cancelando sombrilla A1
```

Example Cancel.

SOAP: the menu and the execution is the same, after running the service, run ClientSoap as java application: