

Program to Compute using RPC Functions

Middleware - SCS3103

Sathish H Bowatta
2013CS014
13000144

Steps of preparation.

Created the IDL

- output data structure

```
struct outputstruct{
    float e;
    float q;
    float i;
    float z;
    float p;
};
```
- input data structure

```
struct inputstruct{
    float c;
    float v;
    float t;
};
```

Generated the sample client and server code using "*rpcgen*".

Change the server and client code to compute and return values.

Server Side output:

```
sathish@ubuntu: ~/Desktop/Elect
sathish@ubuntu:~/Desktop/Elect$ sudo ./elect_server
Energy : 7200.00 Charge : 1200.00 Current : 600.00 Capacitor Reactans : 0.02 Power : 3600.00
```

Client Input :

```
sathish@ubuntu: ~/Desktop/Elect
sathish@ubuntu:~/Desktop/Elect$ ./elect_client localhost 100 12 2
Energy : 7200.00 Charge : 1200.00 Current : 600.00 Capacitor Reactans : 0.02 Power : 3600.00
sathish@ubuntu:~/Desktop/Elect$
```