

## Sockets en java

### Servidor

```
ServerSocket serverSocket = new ServerSocket(puerto);

Socket socket = serverSocket.accept();

int puertoCliente = socket.getPort();

String ipPuertoCliente =
    socket.getRemoteSocketAddress().toString();

DataInputStream dIS = new
    DataInputStream(socket.getInputStream());

while(true)
{
    System.out.println(dIS.readUTF());
}
```

### Cliente

```
Socket socket = new Socket(host, puerto);

int puertoLocal = socket.getLocalPort();

int puertoRemoto = socket.getPort();

String hostRemoto = socket.getInetAddress().getHostAddress();

DataOutputStream dOS = new
    DataOutputStream(socket.getOutputStream());

while(true)
{
    dOS.writeUTF(mensaje);
}
```