

This directory has an example server, together with a client that uses it. Chapter 2, "Using Mach Messages," of *NeXT Operating System Software* uses this example to explain how to write MiG servers.

To build the add server and a sample client, follow these steps:

- 1) Make a copy of this directory; then change to the new directory at a shell prompt. For example:

```
localhost> cp -r /NextLibrary/Documentation/NextDev/Examples/MiG ~  
localhost> cd ~/MiG
```

- 2) Run **make** in the **Server** directory. (It's important that you build the server before the client.)

```
localhost> cd Server  
localhost> make
```

3) Run make in the **Client** directory.

```
localhost> cd ../Client
```

```
localhost> make
```

To use the add server:

1) From the **MiG** directory, run the server in the background.

```
localhost> cd ..
```

```
localhost> addserver&
```

- 2) Run the client once for each call you want to make to the server.

```
localhost> addclient 81 1
```

According to the server, $81 + 1 = 82$.

- 3) Kill the server when you're done using the running version of it.

```
localhost> jobs
```

```
[1]  + Running                  addserver
```

```
localhost> kill %1
```