

The method calls are a bit “clunky”

- `NameServer2.rpc(:my_server2, {:add, :dwayne, "Red Dwarf"})`
- How about:
- `NameServer2.add(:my_server2, {:dwayne, "Red Dwarf"})`

```

1 defmodule NameServer3 do
2   @moduledoc """
3     Very simple name server supporting transactions:
4     - In the event of a crash, the caller is sent a message.
5     - All other processes using the server will not be affected.
6   """

```

```

7 > def start(name) do
10 end
11
12 def add(serverName, name, place) do
13   rpc(serverName, {:add, name, place})
14 end
15
16 def find(serverName, name) do
17   rpc(serverName, {:find, name})
18 end

```

Interface

```

19
20 > defp rpc(name, request) do
26 end

```

```

27
28 > def loop(name, state) do
41 end

```

Server

```

42
43 > defp handleRequest({:add, name, place}, state) do
46 end
47
48 > defp handleRequest({:find, name}, state) do
50 end

```

Implementation

```

51 end

```