

```
1 import rpyc
2 from rpyc.utils.server import ForkingServer
3
4 class DBList(rpyc.Service):
5     value = [] # Used to build a list of strings
6
7     def exposed_append(self, data):
8         self.value.extend(str(data)) # Extend the list with the data
9         return self.value           # Return the current list
10
11 class Server:
12     # Create a forking server at initialization time and immediately start it.
13     # For each incoming request, the server will spawn another process to handle
14     # that request. The process that started the (main) server can simply kill
15     # it when it's time to do so.
16     def __init__(self):
17         self.server = ForkingServer(DBList, hostname=SERVER, port=PORT)
18
19     def start(self):
20         self.server.start()
21
22 class Client:
23     def run(self):
24         conn = rpyc.connect(SERVER, PORT) # Connect to the server
25         conn.root.exposed_append(2)        # Call an exposed operation,
26         conn.root.exposed_append(4)        # and append two elements
27         print(conn.root.exposed_value())   # Print the result
```