```
+--------------------------+
|   hello_world_state      |
+--------------------------+
| + inputbuffer            |
| + name                   |
+--------------------------+
|                          |
+--------------------------+
```

appstate

```
+--------------------------+
|        uip_conn          |
+--------------------------+
| + ripaddr                |
| + lport                  |
| + rport                  |
| + rcv_nxt                |
| + snd_nxt                |
| + len                    |
| + mss                    |
| + initialmss             |
| + sa                     |
| + sv                     |
| + rto                    |
| + tcpstateflags          |
| + timer                  |
| + nrtx                   |
| + appstate               |
+--------------------------+
|                          |
+--------------------------+
```