The Internal Working of the Relay.

The main server process

Monitor the tcp_child

Fork

Main listening loop and start child threads for each new client.

C1 C2 C3 C4

C5 C6 C7

Incoming Controller /sub-relay cxns

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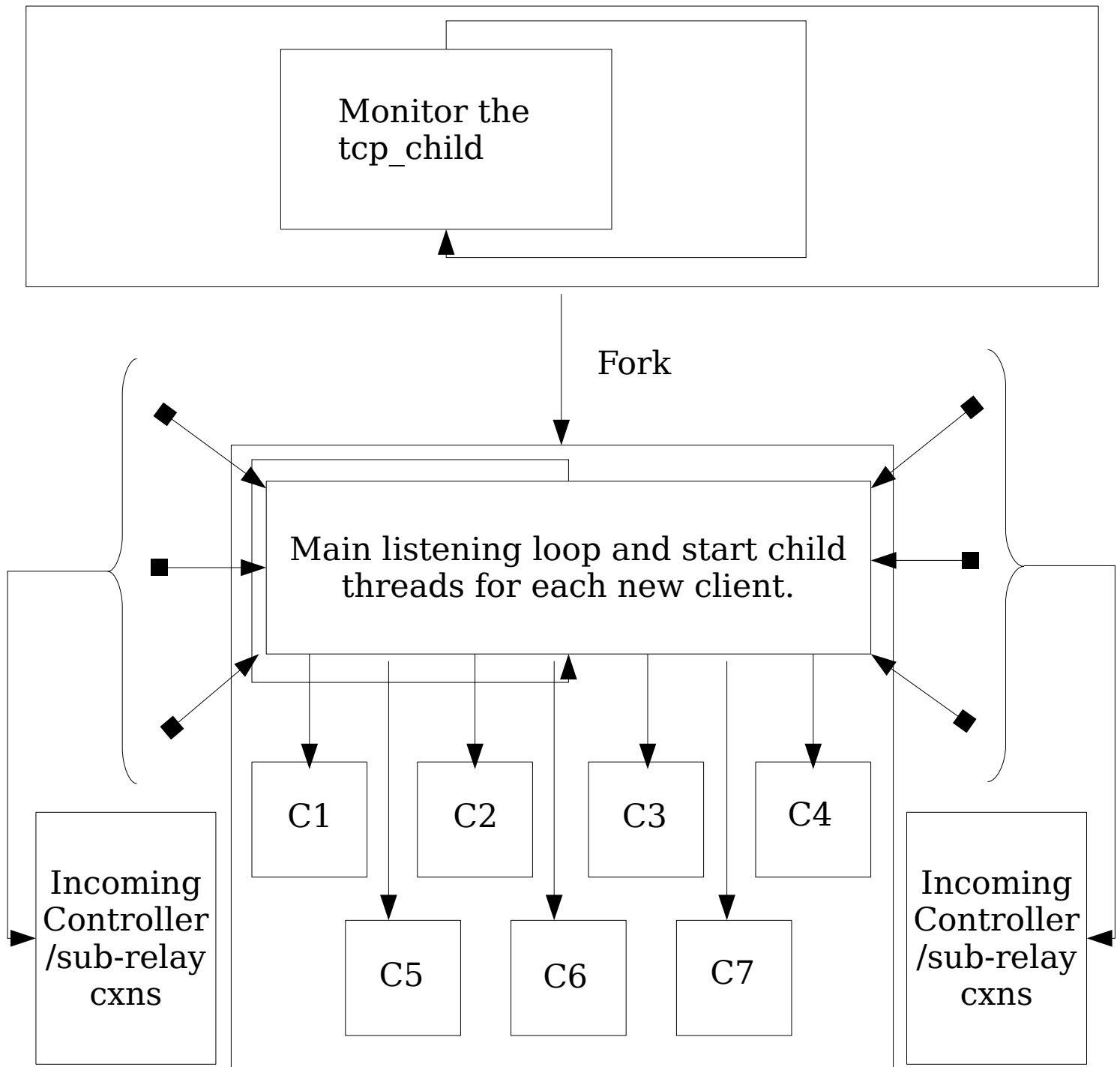
The child tcp_server

The client thread process

Receive msg using the sock

Send broadcast using bcast_sock.

Check if it says END

Check if it needs to broadcast

Check if it needs to
Send a reply to
Another broadcast

Send reply using sock.