

```

class STS_Peer(load_balancer, splitters_tracker, channel)
    function main(load_balancer, splitters_tracker, channel)
        ["I'm a new peer", channel]  $\Rightarrow$  load_balancer
        splitters = get_list(splitters_tracker, channel)
        connected_splitter = connect_closest_splitter(splitters)
        return connected_splitter

    function get_list(splitters_tracker, channel)
        "send to me
        [ the splitters      , channel]  $\Rightarrow$  splitters_tracker
        for the channel"
        [splitters]  $\leftarrow$  splitters_tracker
        return splitters

    function connect_closest_splitter(splitters)
        queue = []
        for all  $S \in$  splitters do
            connect_to( $S$ , queue)
        [channel]  $\Rightarrow$  splitters_tracker
        return queue[0]

    thread connect_to(splitter, queue)
        connection = connect(splitter)
        if queue.is_empty() then
            queue.put(connection)

```