

class SplitterTracker

**function** main()

    serve()

**task** serve()

**while** True **do**

        [message]  $\leftarrow X$

**if** message[0] = “I’m a new splitter” **then**

            channel = message[1]

            channel\_to\_splitters[channel] =  $X$

**else**

            “send to me

**if** message[0] = the splitters      the

                for the channel”

            channel = message[1]

            [channel\_to\_splitters[channel]]  $\Rightarrow X$