```
⊳ {sensor, route}
                    (swP, e1,sw, e2,sensor, e3,route, e4)
                                ↑ (sensor: Sensor) [_e4: gathers]
                   ⋈ {swP}
               (swP, sw, sensor, route)
                                      (route, sensor)
                    \bowtie \{sw\}
        (swP, sw, sensor)
                            (route, swP)
             (swP.sw)
                       (sw.sensor)
```