Understanding & Changing
(very opinionated section)

I saw the car rolling downhill and stopping; how did it stop?

```
sync({ wait: 'downhill' })
sync({ wait: 'stop' })
```

The driver pressed the brake pedal.

```
'downhill'
'brake'
'stop'
```

Why didn't the brake light go on?

```
sync({ wait: 'downhill' })
sync({ wait: 'stop' })
sync({ request: 'brake light on' })
```
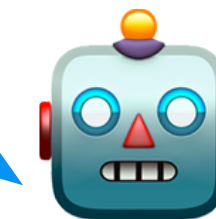
The engine was off.
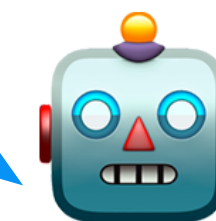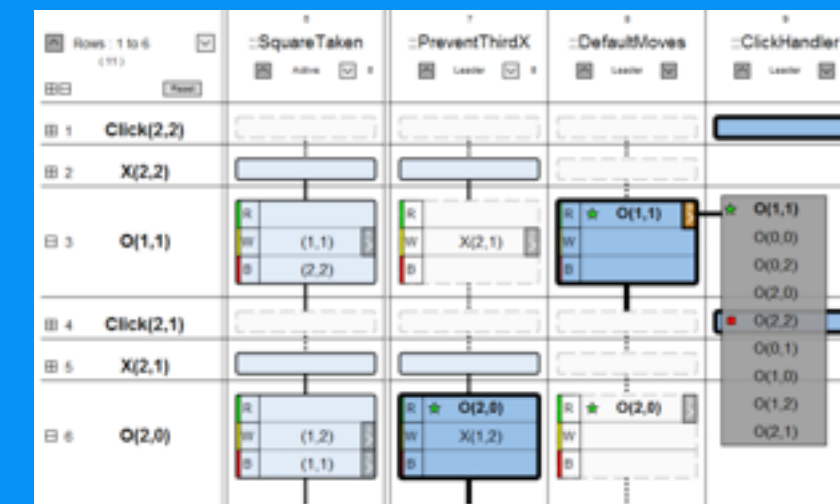
The light should have turned on anyway. (must modality)

```
sync({ wait: 'downhill' })
sync({ wait: 'stop' })
must({ request: 'brake light on' })
```
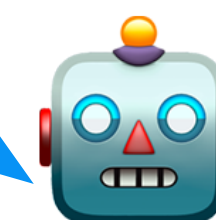
Done.

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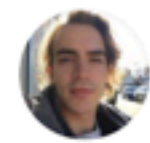
Luca Matteis
@lmatteis

A chat message to the system might include something like the following bthread


```
Repeat forever
    Blocking   turn left
    Blocking   turn right
    Wait for   no path left
    Wait for   path ahead
    Request    move forward
                        —
    break upon   move forward
```
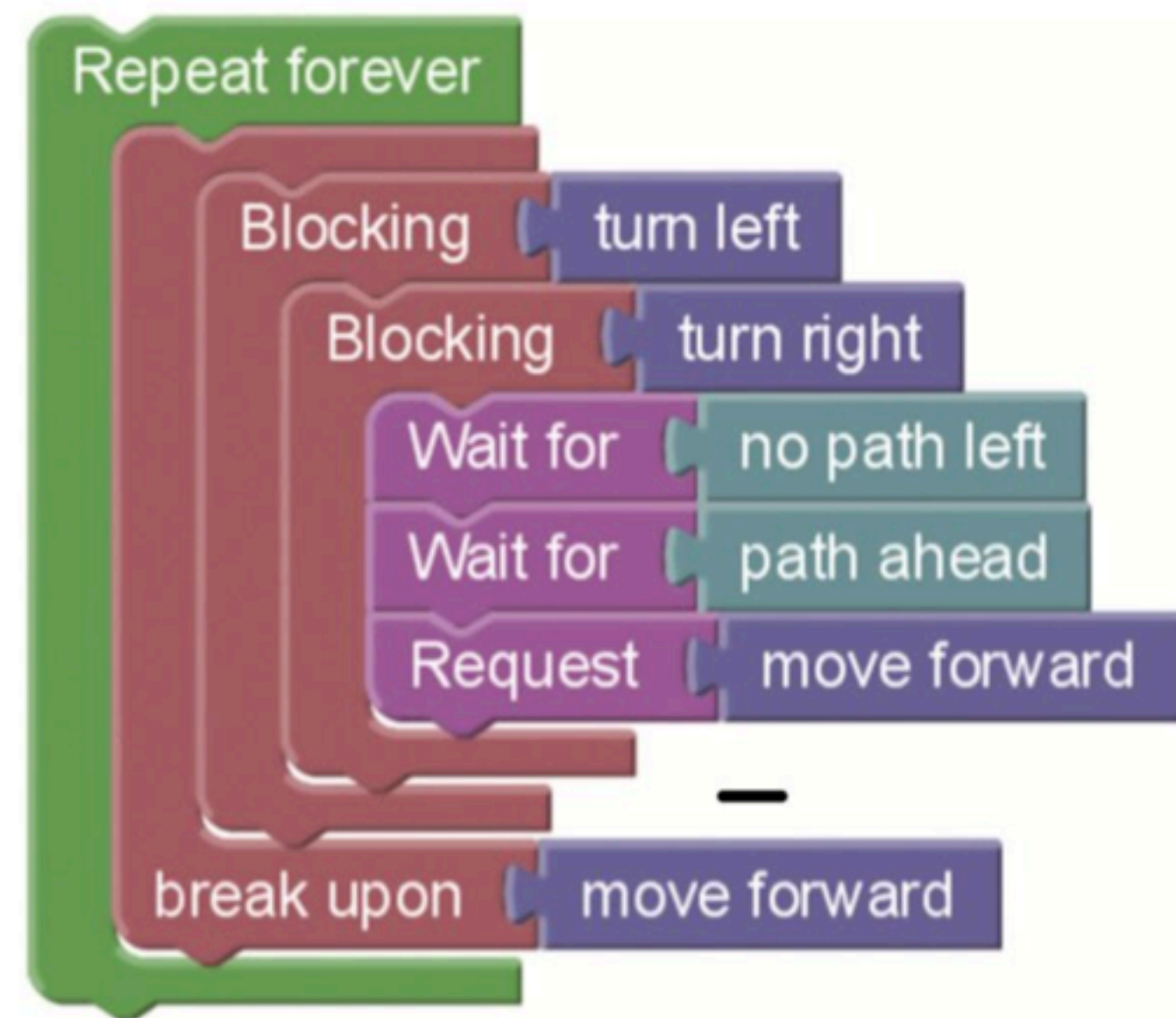
4:48 PM · Dec 27, 2019 · Twitter for iPhone

Luca Matteis @lmatteis · Dec 27, 2019

A newcomer can ask the system about "when I do all these things what does the system do? And can you show me using a live graph plotting this data so I can understand it more easily?"
This seems a lot better than reading code and trying to understand diagrams or documentation