Fig 1: Generic Vehicle Code

Flowchart created with respect to
Drakon charting syntax.
https://drakonhub.com/drakon

```
                              Vehicle

                         Personality Core

         Thread 1                              Thread 2

                    Drive Motor 1                        Drive Motor 2

   True          Activation Function      True        Activation Function
                 (Excite or Inhibit)                  (Excite or Inhibit)

Is False?        Get Sensor Reading    Is False?      Get Sensor Reading
                 (Config Dependent)                   (Config Dependent)

   End                                    End
```
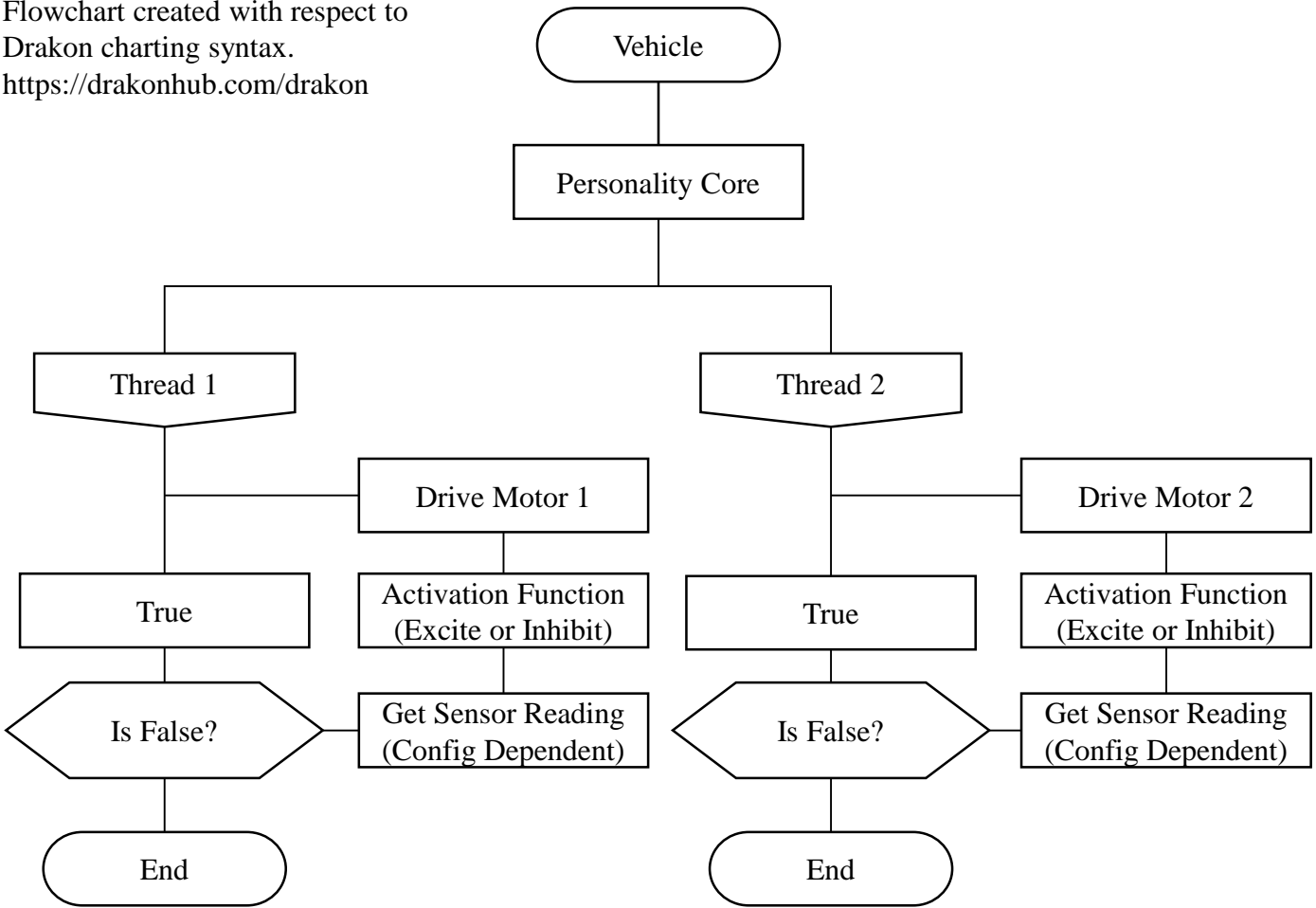
Fig 2: Serial vs Parallel Execution

Serial

Parallel

"BRAIN"

"BRAIN"