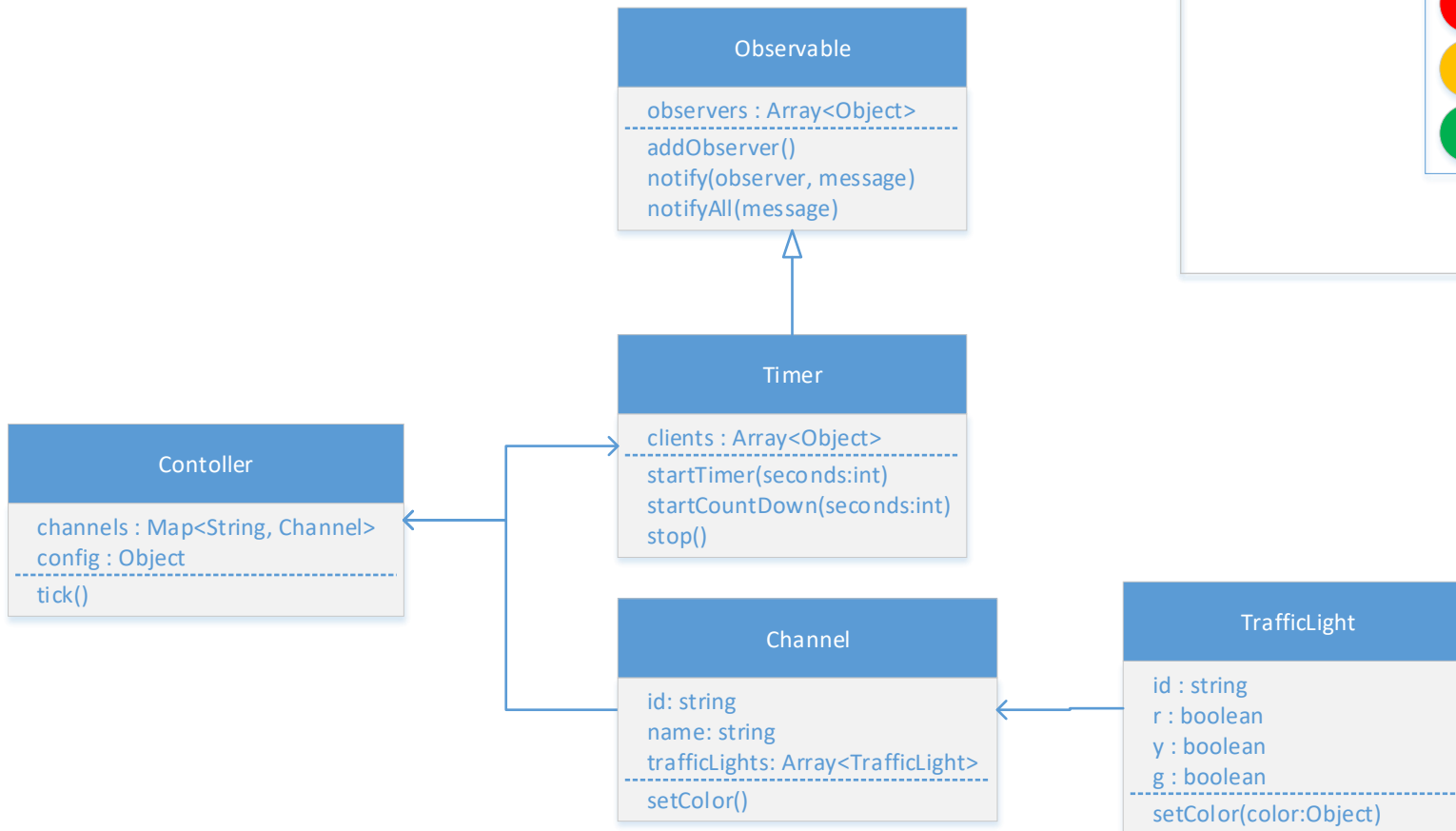
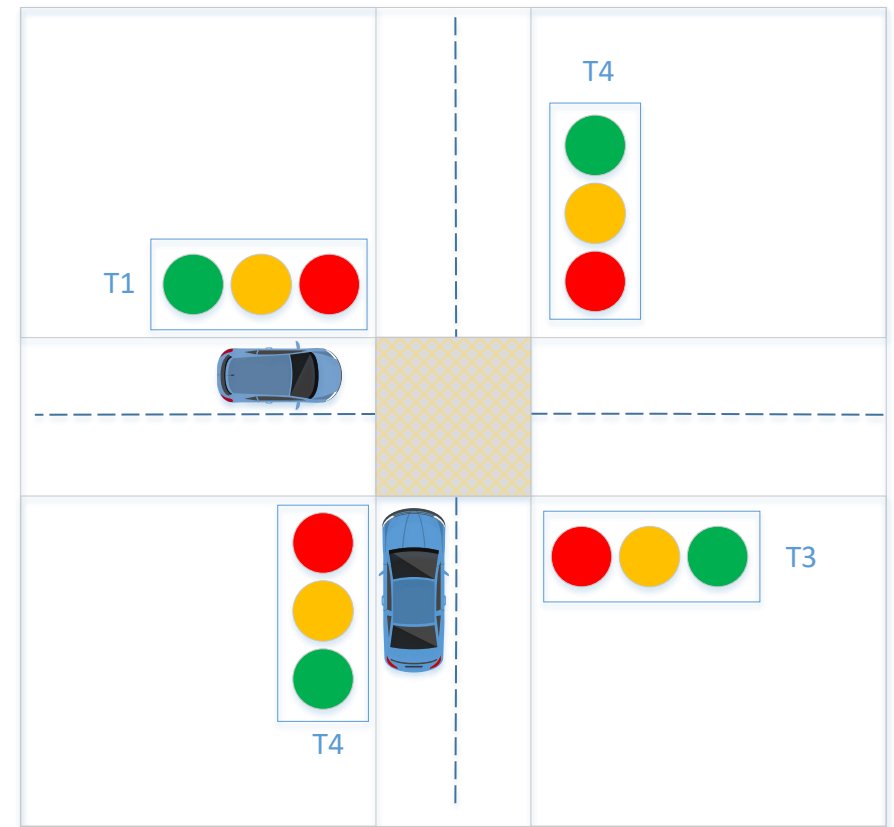
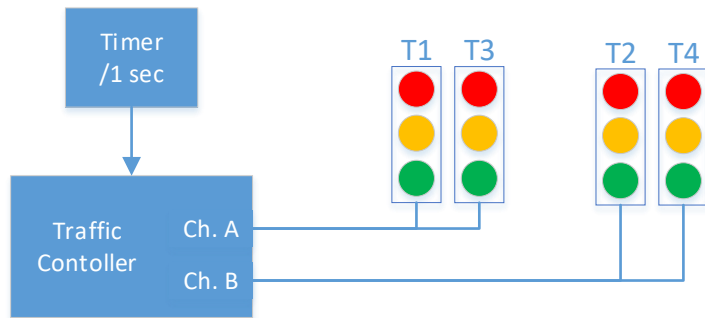


Working Diagram



Traffic Lights config.json

```
{
  "channels": [
    {
      "A": {
        "name": "Glasgow Road",
        "trafficLights": ["T1", "T3"]
      },
    },
    {
      "B": {
        "name": "Main Street",
        "trafficLights": ["T2", "T4"]
      }
    }
  ],
  "length": 24,
  "program": {
    "A": {
      "R": [1,],
      "Y": [1,],
      "G": [0,]
    },
    "B": {
      "R": [1,],
      "Y": [0,],
      "G": [0,]
    }
  }
}
```

response from GET /api/traffic-lights

```
{
  "trafficLights": [
    {
      "T1": {"R": 1, "Y": 0, "G": 0},
    },
    {
      "T2": {"R": 1, "Y": 0, "G": 0},
    },
    {
      "T3": {"R": 1, "Y": 0, "G": 0},
    },
    {
      "T4": {"R": 1, "Y": 0, "G": 0},
    }
  ]
}
```