Protocol (Sept 22, 2021)

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Sources

Lecture on GitHub

Lecture

This week's general topic was about AI agents. We started class talking about "Solving the Robot Off-Loading Problem" by Myers. It seems that the time needed to transfer data is too large in its current state. Describing drones as an example, it could be catastrophic if a system couldn't compute what the drone needed to do because of the amount of information being off-loaded.

Then we talked about PEAS descriptions and about different examples for it. Mainly an automated taxi driver.

- Performance Measure
    - Safe, fast, legal, comfy, max profits, min accidents
- Environment
    - Roads, traffic, police, pedestrians, customers, weather
- Actuators
    - Steering, accelerator, brake, signal, horn, display, speech
- Sensors
    - Camera, radar, gps, speedometer, engine, microphone, touchscreen

We left off with a question, "Are augmented reality environments more, less, or equally complex?

-We augment because we can control it.

Reflection

I really enjoyed this lecture. Twas' very easy to understand conceptually. I particularly liked the off loading topic. I understand how long it takes to download data for self use, but haven't thought about the off-loading of robotics applications being an obstacle in these real world scenarios.