

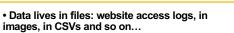
Computing In the News [Link]

NASA Using Red and Blue 3D Glasses to Drive Mars Rover While Working From Home Gizmodo Andrew Liszewski April 17, 2020

Planners at the National Aeronautics and Space Administration's Jet Planners at the National Aeronautics and Space Administration's Jet Propulsion Laboratory (JPL) are remotely piloting the Curiosity rover on Mars while working from home. Without access to JPL's powerful workstations and special three-dimensional (3D) goggles due to quarantine orders, the team must rely on red and blue 3D glasses. While antiquated by today's 3D standards, the cardboard glasses are essentially the same analyph 3D technology as the special goggles normally used by the team to plan the rover's movements and more accurately target its robotic arm and probes. The team successfully executed Curiosity's first mission planned outside of JPL's facilities just two days after relocating to home offices.

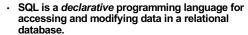


Why Databases?



- · This is an amazing source, but hard to access, aggregate and compute results with.
- · Databases provide a mechanism to store vast amounts of data in an organized manner.
- The (often) rely on "tables" as an abstraction. We
- There are other kinds of databases, that store "documents" or other forms of data.
- This stuff is the topic of CS186

Why SQL?



- It is an entirely new way of thinking ("new" in 1970, and new to you now!) that specifies what should happen, but not how it should happen.
- One of a few major programming paradigms
- Imperative/Procedural
- **Object Oriented**
- Functional
- Declarative

