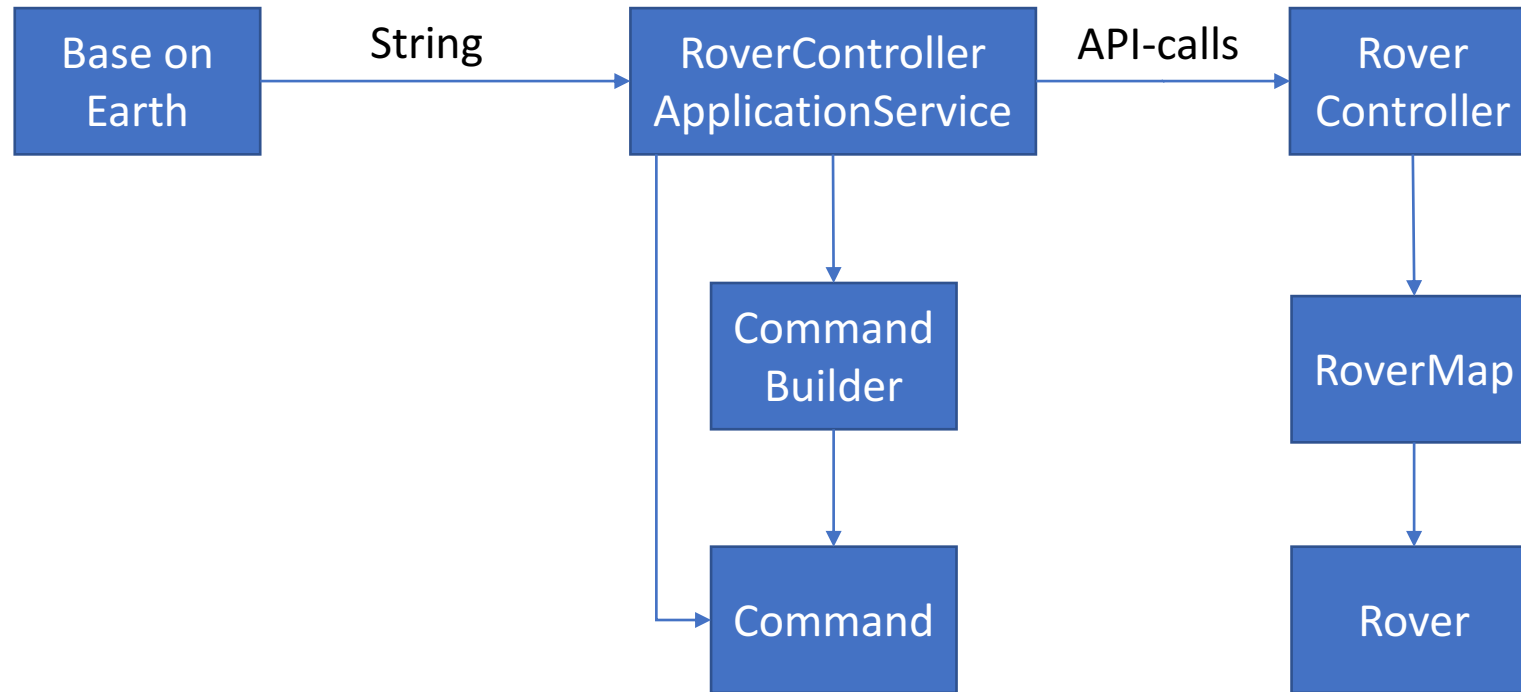# Mars Rover

An alternative Implementation

Thoughts

- I don't want a string-API in the Mars Rover Domain
  - => use a **application service** (use case controller) as a façade.

- I don't want a command-based API in the Mars Rover Domain
  - => translate commands into API-calls in the application service

- I don't want to bother about hand-made string parsing
  - => use a **parser library**

- Rover tracking is part of the rover-controller, not the rover
  - => use a rover map (its not a map data structure)
  - On a map we have coordinates not rows and columns

- Position updates as a consequence of rover movement should not be based on a switch statement
  - => **use vector-math** for this

What it's not

- It's not a presentation of a perfect solution
    => It's just about some ideas

Basic Design

Code Walktrough