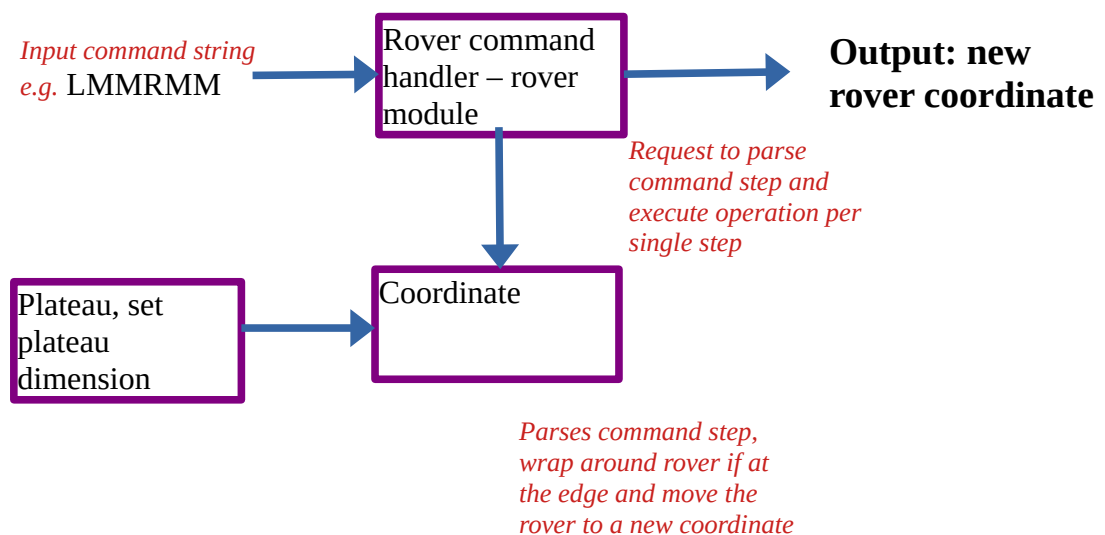# Mars Rover Kata design and TDD structure

The package is structured as follows:

- .vscode
- node-modules
- src
  - test
    - coordinate.test.ts
    - plateaue.test.ts
    - rover.test.ts
  - coordinate.ts
  - plateau.ts
  - rover.ts
- .gitignore
- jest.config.js
- package-lock.json
- package.json
- README.md
- tsconfig.json

Input command string e.g. LMMRMM → **Rover command handler – rover module** → **Output: new rover coordinate**

Request to parse command step and execute operation per single step

Plateau, set plateau dimension → Coordinate

Parses command step, wrap around rover if at the edge and move the rover to a new coordinate

Further information in README.md file.