

Toy Robot Simulator

Author: MD. Salman UI Hoque

Application Directory Structure

```
/toy_robot
|--- /lib (Class files)
|       |--- Interface.rb (Robot commnad line interface)
|       |--- Robot.rb    (Robot and it's controller)
|--- /spec (Rspec test files)
|       |--- interface_spec.rb (interface class spec)
|       |--- robot_spec.rb (robot class spec)
|--- play.rb (start application)
```

Start Application

Ruby version 2.0.0p247. From command line run `ruby play.rb`

Test Application

Rspec version 3.1.2. From command line run `rpsec spec/`

Test Data

```
> PLACE 0,0,SOUTH
> MOVE
Can not move further SOUTH
```

```
> PLACE -1,5,NORTH
Invalid Input
```

```
> PLACE 0,0,EAST
> MOVE
> LEFT
> MOVE
> REPORT
Output: 1,1,NORTH
```