

115-The Meteor Test Command

- we are going to be using test framework <http://mochajs.org/>
- we are going to be using a Meteor package that adds mocha to our project
- first we need to clone our project over at github, click clone and copy the clone with ssh key
- go to your terminal and navigate out the boilerplate folder
- make sure to add notes add the end, that will be the name of our new project

```
joses-MacBook-Pro:meteor-course-boilerplate mendoza$ cd ..  
joses-MacBook-Pro:meteor-projects mendoza$ git clone git@github.com:mendozarrieff/meteor-course-boilerplate.git notes
```

- **now lets** navigate in the terminal to that new folder

```
joses-MacBook-Pro:meteor-projects mendoza$ cd notes  
joses-MacBook-Pro:notes mendoza$
```

- make sure to this in your second tab as well in the terminal
- now lets go to <https://atmospherejs.com/practicalmeteor>
- to see how to install mocha in our project
- now go to the terminal and add this to our project

```
joses-MacBook-Pro:notes mendoza$ meteor add practicalmeteor:mocha@=2.4.5_6
```

Changes to your project's package version selections:

coffeescript	added, version 1.0.17
practicalmeteor:chai	added, version 2.1.0_1
practicalmeteor:loglevel	added, version 1.2.0_2
practicalmeteor:mocha	added, version 2.4.5_6
practicalmeteor:mocha-core	added, version 1.0.1
practicalmeteor:sinon	added, version 1.14.1_2
tmeasday:test-reporter-helpers	added, version 0.2.1

practicalmeteor:mocha: Write package tests with mocha and run them in the browser or from the command line with spacejam.

- now lets install npm modules in our terminal

```
joses-MacBook-Pro:notes mendoza$ meteor npm install
```

- **now** lets run the meteor test

```
joses-MacBook-Pro:notes mendoza$ meteor test --driver-package=practicalmeteor:mocha
```

- **and** now when you visit localhost:3000 you should see two columns- Client Tests and Server Tests
- now lets quit our server in the terminal by pressing control-C
- now copy the line above and over in package.json on the notes project, type this under start
- this will give us a short cut so that way we dont have to write that whole line everytime we want to test it

```
{
  "name": "short-lnk",
  "private": true,
  "scripts": {
    "start": "meteor run",
    "test": "meteor test --driver-package=practicalmeteor:mocha"
  },
  "dependencies": {
    "babel-runtime": "6.18.0",
    "meteor-node-stubs": "~0.2.0",
    "moment": "^2.17.1",
    "react": "^15.4.1",
    "react-dom": "^15.4.1",
    "react-router": "^3.0.0",
    "simpl-schema": "0.0.3"
  },
  "engines": {
    "node": "4.6.2"
  }
}
```

- lets go back to the terminal and run test

```
joses-MacBook-Pro:notes mendoza$ npm run test
```

- or you can use this instead to make it even a shorter shortcut

```
joses-MacBook-Pro:notes mendoza$ npm test
```

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