

1 Hello Flutter

Congratulations! You and your partners have just been hired by *Dinner And A Movie*, a movie theater and restaurant combination. They want us to build the movie booking system for their burgeoning business. They've been selling tickets by hand only in person and having the people pick their own seats. We're going to write the app for their system that will allow customers to search for a showing and reserve seats.

Let's get started!

Make sure node and npm are installed

1. Get to a command prompt and run this command:
`node --version`
2. Did you see a version number? If so, you have node and npm installed and you can skip to "Download the starter files". If not, go to the next step.
3. Point your browser at <http://nodejs.org>
4. Click the download button on the main page. Choose the one recommended for most users; it will be the stable release.
5. Follow the instructions to install it on your machine. This will install both npm and node.
6. Rerun your `node --version` command to make sure it is installed alright. If you get command not found, you should probably reboot so make sure your PATH has been reread.

Download the starter files

7. Using git, clone the upstream repository that has the starter files:
`git clone --recurse-submodule git@github.com:rapPayne/flutter_course.git`
... or ...
`git clone --recurse-submodule https://github.com/rapPayne/flutter_course.git`
8. Point your browser to the site your instructor gives you to download and install the starter files.
9. Take a look around the directory structure. You should see these directories:

instructions	Will eventually hold each lab's instructions
server	The RESTful API server. Pre-written for you.
starters	Some pre-baked images and Dart files so you don't have to do as much busy work later on.

10. This is the root of your project. Please make a note of it here: _____

Running the API server

11. Open a command window and cd to the server directory. Run these commands
`npm install` # This will install libraries
`npm run load-db` # Will create the database with data
`npm run start` # Will run the API server

This is a RESTful API server tied to a super-simple database. **LEAVE IT RUNNING** at all times through these labs. If you ever stop it, remember to re-start it.

12. Try a few of these addresses:
`localhost:3008/api/films`
`localhost:3008/api/theaters`
`localhost:3008/api/showings/10`

If you can see data, you are up and running! You can be finished with this lab.