

Installation guide

To ease the setting up process for this application please have the following installed.

<https://www.electronjs.org/apps/postbird> - GUI that Connects to PostgreSQL

<https://docs.docker.com/get-docker/> -. Docker is a tool designed to make it easier to create, deploy, and run applications by using containers

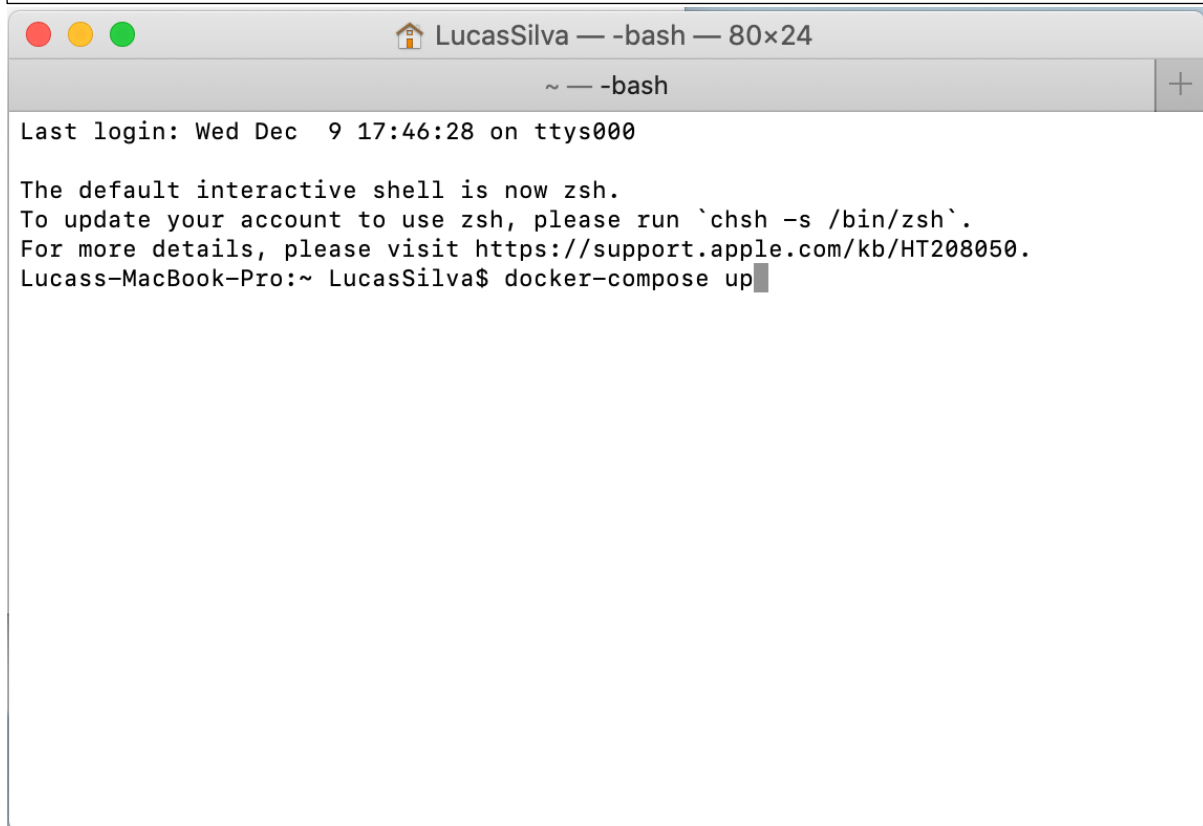
<https://nodejs.org/en/download/> - executes Javascript files in your browser

<https://www.jetbrains.com/idea/download/#section=mac> - IntelliJ to launch back end files

<https://code.visualstudio.com/> - Visual Studio Code (preferred) or any other text editor software of choice

Google Chrome: recommended browser.

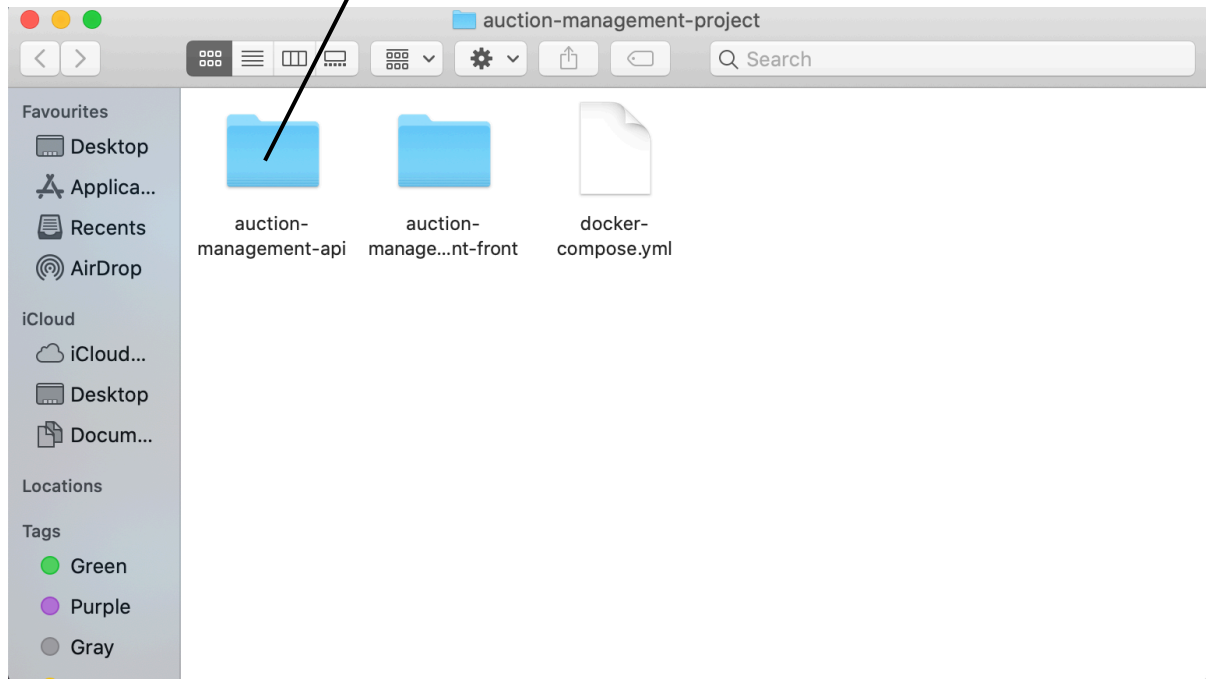
Type “docker-compose up” inside your terminal and just allow it to run until it finishes.

A screenshot of a macOS terminal window. The title bar shows 'LucasSilva — -bash — 80x24'. The terminal content shows a login message, a notification about switching to zsh, and the execution of the 'docker-compose up' command.

```
LucasSilva — -bash — 80x24
~ — -bash
Last login: Wed Dec  9 17:46:28 on ttys000

The default interactive shell is now zsh.
To update your account to use zsh, please run `chsh -s /bin/zsh`.
For more details, please visit https://support.apple.com/kb/HT208050.
Lucass-MacBook-Pro:~ LucasSilva$ docker-compose up
```

When launching IntelliJ, select “Open Project” and select this folder.



Select “DemoApplication” or
run the main class in the root
package.

Then run all
of the files.

The screenshot displays the IntelliJ IDEA IDE interface for a project named "auction-management-api". The left sidebar shows the Project Structure with a tree view where the "model" package is selected, indicating 100% class and 96% line coverage. The main editor window shows the code for the "Client" class in the "model" package, which includes imports for Jackson annotations, Spring MVC annotations, and JPA annotations. The code defines a "Client" entity with fields for id, displayName, title, firstName, lastName, address, town, country, postcode, email, and phone. The bottom panel shows the Run configuration set to "DemoApplication" and the Event Log, which reports that all 30 tests passed successfully in 565 ms. A notification for IntelliJ IDEA 2020.3 is also visible.

```
package com.spring.test.demo.model;

import com.fasterxml.jackson.annotation.JsonView;
import com.spring.test.demo.views.AuctionView;
import com.spring.test.demo.views.ClientView;
import com.spring.test.demo.views.StockView;

import javax.persistence.*;
import java.util.Set;

@Entity
//Map the database Entity and it relationships
public class Client {

    public Client() {}

    public Client(
        int id, String displayName, String title, String firstName, String lastName, String address, String town,
        String country, String postcode, String email, String phone)
    {
        this.id = id;
        this.displayName = displayName;
        this.title = title;
        this.firstName = firstName;
        this.lastName = lastName;
    }
}
```

Run: DemoApplication x All in demo x

Tests passed: 30 of 30 tests - 565 ms

20:14 All files are up-to-date

20:14 Tests passed: 30

20:14 Tests passed: 30

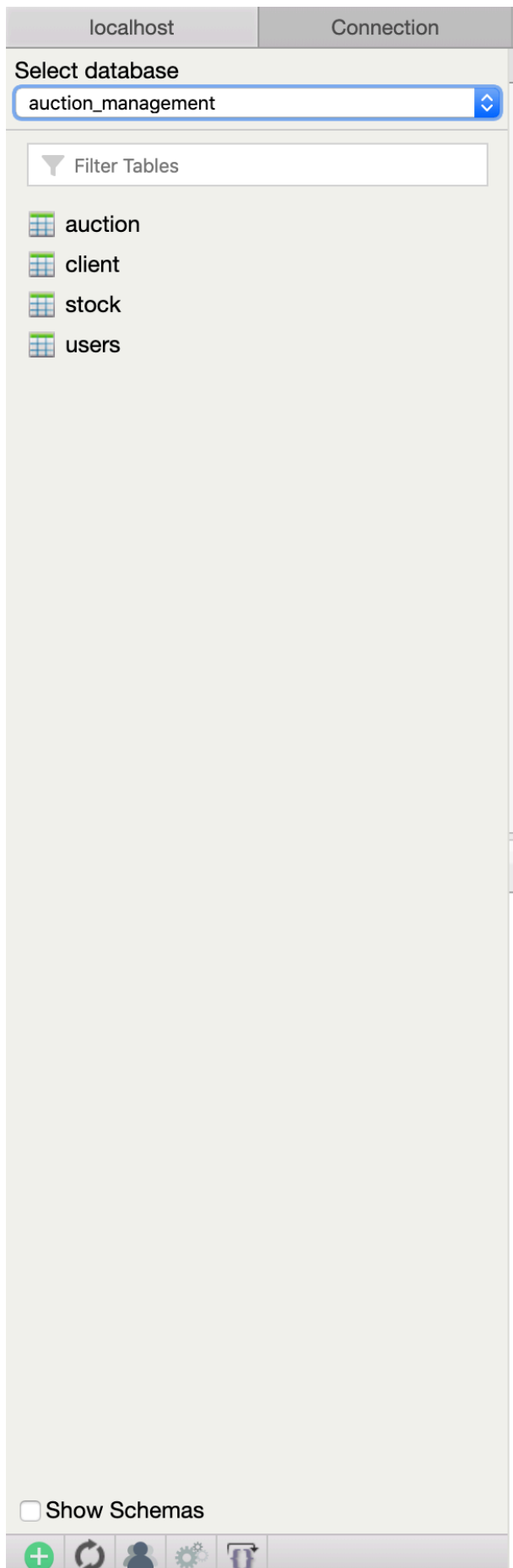
20:14 Tests passed: 30

20:48 All files are up-to-date

20:48 Tests passed: 30

20:48 Tests passed: 30

IntelliJ IDEA 2020.3 available
[Update...](#)



Once Postbird has launched please “Select database” using the drop down menu by clicking on “auction_management”.

Change the connection to the values below including password and set it to 123.

Standard

Connect URL

Heroku

Host

localhost

Port

5432

Username

root

Password

...

Database

Start Query

?

☐

Connect on start

Connect

[Get Postgres](#)

Click on “Query” ,then type in the query inside the white box as shown below. When done click on “Run Query”. This query inserts the admin user into the database.

The screenshot shows a database management tool interface. At the top, there's a tab bar with 'localhost' and 'Connection'. Below this, a 'Select database' dropdown is set to 'auction_management'. On the left, a 'Filter Tables' section lists 'auction', 'client', 'stock', and 'users'. The main area has tabs for 'Structure', 'Content', 'Info', and 'Query'. The 'Query' tab is active, showing a single line of SQL: `1 insert into users (email, password) values ('test@test.com', '123')`. At the bottom, there's a row of buttons: 'Run Query', 'See History', 'Snippets', 'Save Snippet', 'Clear', and 'Save as CSV'. Two arrows from the text box above point to the 'Query' tab and the 'Run Query' button.






Type select * from users inside the query box.

This screenshot shows a closer view of the 'Query' tab in the database management tool. The SQL query `1 select * from users` is entered in the text area. The line numbers 1, 2, and 3 are visible on the left side of the text area.

Once this has showed up at the bottom of your page, you were successful.

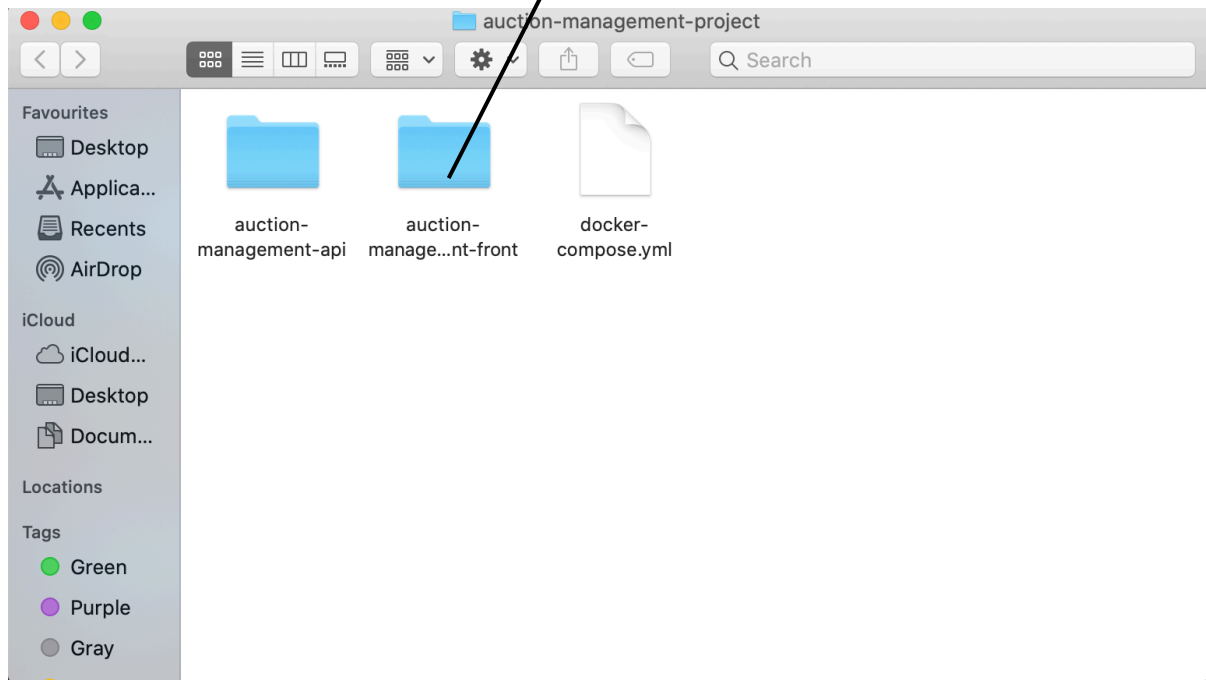
id	email	password
1	lucas@email.com	123

☐ Show Schemas

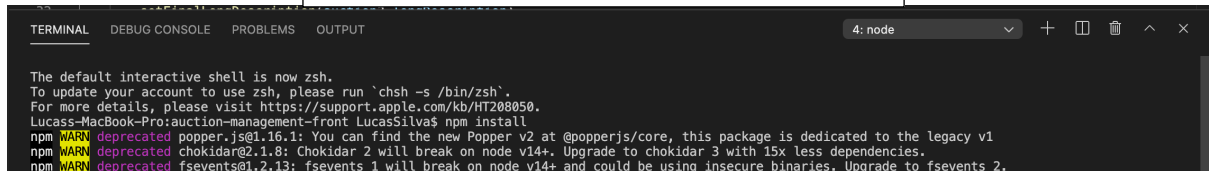


Found 1 row in 3 ms.

When launching Visual Studio Code, select
“Open Project” and select this folder.



Once VS Code is open, please open a new Terminal and type “npm install”.



A screenshot of a VS Code terminal window. The terminal title bar shows '4: node'. The output text is as follows:

```
The default interactive shell is now zsh.  
To update your account to use zsh, please run `chsh -s /bin/zsh`.  
For more details, please visit https://support.apple.com/HT208050.  
Lucass-MacBook-Pro:auktion-management-front LucasSilva$ npm install  
npm WARN deprecated popper.js@1.16.1: You can find the new Popper v2 at @popperjs/core, this package is dedicated to the legacy v1  
npm WARN deprecated chokidar@2.1.8: Chokidar 2 will break on node v14+. Upgrade to chokidar 3 with 15x less dependencies.  
npm WARN deprecated fsevents@1.2.13: fsevents 1 will break on node v14+ and could be using insecure binaries. Upgrade to fsevents 2.
```

After installing npm dependencies please type “npm start”.



A screenshot of a VS Code terminal window. The terminal title bar shows '4: bash'. The output text is as follows:

```
The default interactive shell is now zsh.  
To update your account to use zsh, please run `chsh -s /bin/zsh`.  
For more details, please visit https://support.apple.com/HT208050.  
Lucass-MacBook-Pro:auktion-management-front LucasSilva$ npm start
```

Type in the URL address as show below, in your preferred browser (Chrome recommended).

← → ↻ 🏠 ⓘ localhost:3000/login

Login loads and application is ready to use.



Login

Username

Username

Password

Password

Sign in