

**\*\* Please install and have this application running (or the ability to run it) before we begin the tutorial. \*\***

Context:

In order to demonstrate various operability techniques, we will iterate on a particular application to show how this influences our testing. I have created a simple API over http, with user creation, authentication and a few endpoints.

Pre-requisites:

Install MongoDB: <https://docs.mongodb.com/manual/installation/>

Install Node and NPM: <https://nodejs.org/en/download/>

Install Robo 3T (for viewing MongoDB's): <https://robomongo.org/download>

Install Postman: <https://www.getpostman.com/downloads/>

Install VSCode: <https://code.visualstudio.com/download>

Application:

The application is found here:

<https://github.com/northern-tester/conferencesApp>.

Please either clone or download the application. Instructions for installing and running the app are here:

<https://github.com/northern-tester/conferencesApp/blob/master/README.md>

Getting to know the app:

It would be really useful if you explored the app beforehand, just to speed things along on the day. To help you, I have created a postman collection:

[https://github.com/northern-tester/conferencesApp/blob/master/Conferences%20App.postman\\_collection.json](https://github.com/northern-tester/conferencesApp/blob/master/Conferences%20App.postman_collection.json)

Please run the Create User request and then Authenticate User. You will then have a token for the other requests.

There is documentation on each of the endpoints here, make sure to have a read through:

<https://github.com/northern-tester/conferencesApp/blob/master/DOCS.md>

Please consider:

We will be writing some javascript, but you will be following along most of the time so don't worry too much. Most of the tutorial will be group exercises and changing configuration to work with other tooling. Further instructions will follow these. 😊