How to prepare your NE + RJ + RN project for publishing to hasura.

You will need two hasura projects templates for this task.

a. hello-react

b. hello-react-native

Using these two project template , we will create our project which will have all the three components.

i.e it will have one backend(Node Express), one forntend(ReactJs) and a React-Native app which will run on android.

$ hasura login

$ hasura quickstart hello-react --type=hpdf

$ hasura quickstart hello-react-native --type=hpdf

$ cd hello-react

$ git add .

$ git commit -m "First commit"

$ git push hasura master

Uptill here, it is just basic steps.

Now we will update the directory to use our code.

First we will add our backend:

1. go to folder hello-react\microservices\api\src. This is where backend server code lives

2. copy your own Node express server code here.

3. Edit hello-react\microservices\api\Dockerfile and add following line

ADD src/package.json /src/

Now your docker file should look like following

FROM mhart/alpine-node:7.6.0

WORKDIR /src

ADD src/package.json /src/

# Add app source files

ADD src /src

#install node modules

RUN npm install

CMD ["node", "server.js"]

4. You are done with updating backend code.

Now we will update UI code. This is your ReactJS code.

1. go to folder hello-react\microservices\ui\app\src. This is where your React-JS code lives

2. copy content of your ReactJs code here. Don't copy package.json here.

3. go one level up to hello-react\microservices\ui\app

4. Add content of your package.json to the package.json over here intelligently.

5. You are done adding ReactJs code.

Now we will add React-Native code.

1. create folder 'react-native' inside 'hello-react' folder

2. go to hello-react\react-native folder

3. copy your react-native code to this folder.

4. You are done adding react-native part.

Now we will push this whole thing to hasura cluser.

1. from 'hello-react' folder do cd ..

2. rename 'hello-react' to 'T48-proj' or whatever you want.

3. cd 'T48-proj' or whatever name you gave.

4. git add .

5. git commit -m "pushing our whole project"

6. git push hasura master

7. hasura ms list

8. your server will be running at -> https://app.yourclustername.hasura-app.io

9. your ReactJs app should be at -> https://ui.yourclustername.hasura-app.io when deployed later.

for us it is at

https://api.dweller95.hasura-app.io/directions?origin=Bhavnagar&destination=Ahmedabad

https://ui.dweller95.hasura-app.io/

10. You are done.

11. Now you can do bug fixes or feature enhancement.

12. 'hasura publish' whenevery your team is ready.

Thanks.