**DWF Project setup**

Required Node version 14 or above.

**DIGITAL-WINDFARM-FTR-DEVELOP**

1. clone repo <https://github.build.ge.com/REN-AWS/digital-windfarm>

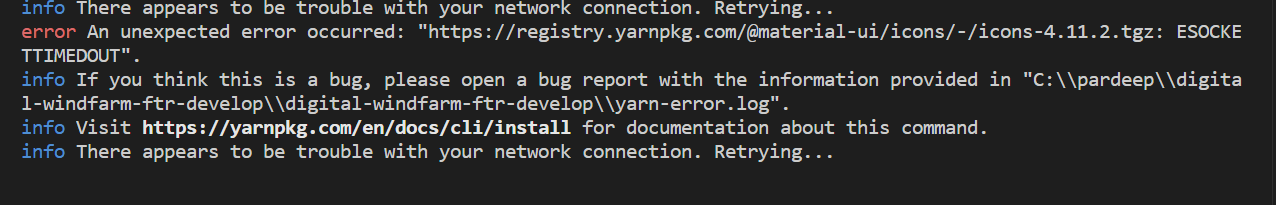
2. use bash in VS code terminal

3. Run **npm install yarn -g**

4. Run **yarn install**

**Note:**

If you are getting this error

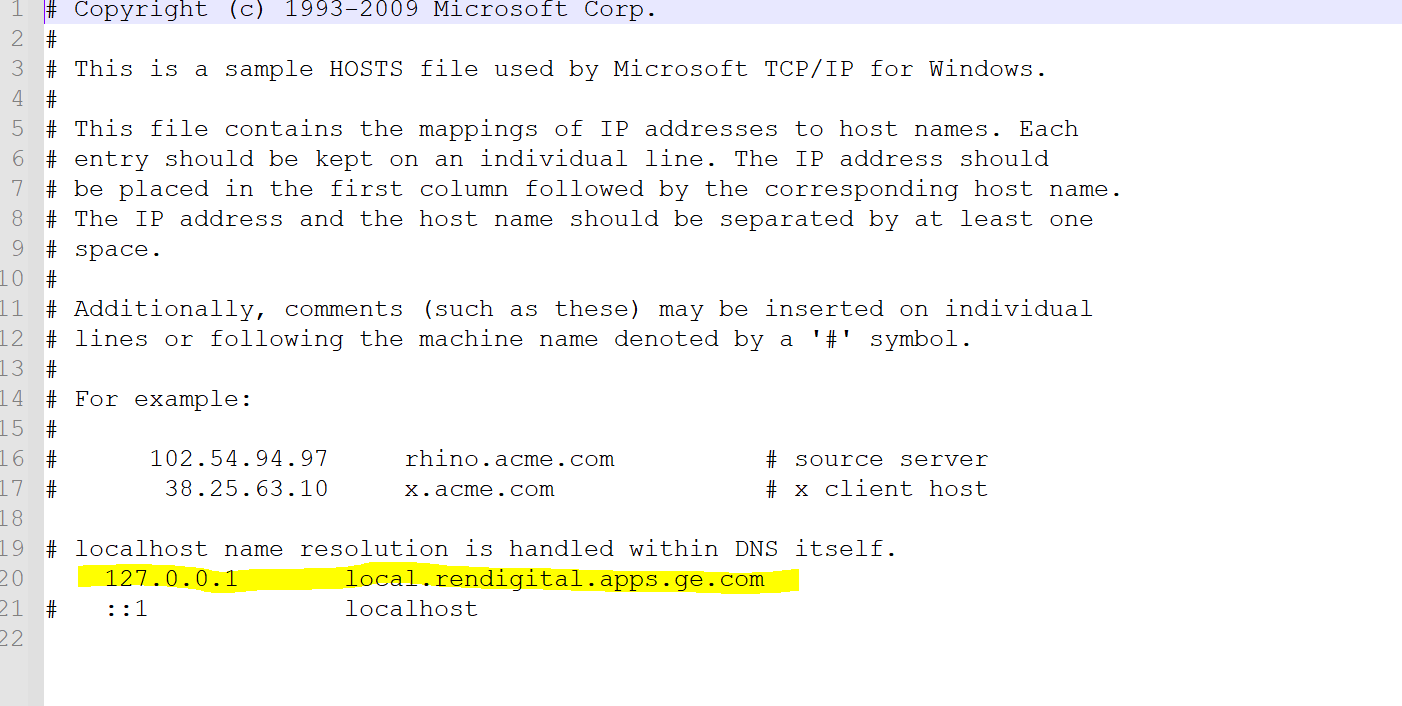


Then turn off your VPN and try again **yarn install**

Wait for yard install to complete, it will take time to complete

5. edit file -> C:\Windows\System32\drivers\etc\hosts  
change "#127.0.0.1    localhost” to “127.0.0.1   local.rendigital.apps.ge.com".

To edit this file, you can open this file in notepad or vscode, edit the file and save.



Once the yarn installation done. You need to replace the content of following files

1. apps\web-client\.env
2. apps\web-client\craco.config.js
3. packages\models\constants.js
4. packages\shared\services\auth.js
5. **digital-windfarm-ftr-develop\apps\web-client\.env**

replace content of .env file with following

HTTPS=false

REACT\_APP\_ENV=production

REACT\_APP\_IAC\_OIDC\_CONFIG\_URL=http://10.37.20.193:8080

REACT\_APP\_IAC\_VERSION=v3

REACT\_APP\_DIGITAL\_WIND\_FARM\_CMN\_API=http://10.37.20.193:9000

REACT\_APP\_DIGITAL\_WIND\_FARM\_DAV\_API=http://10.37.20.193:9000

REACT\_APP\_DIGITAL\_WIND\_FARM\_MWP\_API=https://iu5lzhrae3.execute-api.us-east-1.amazonaws.com/prod

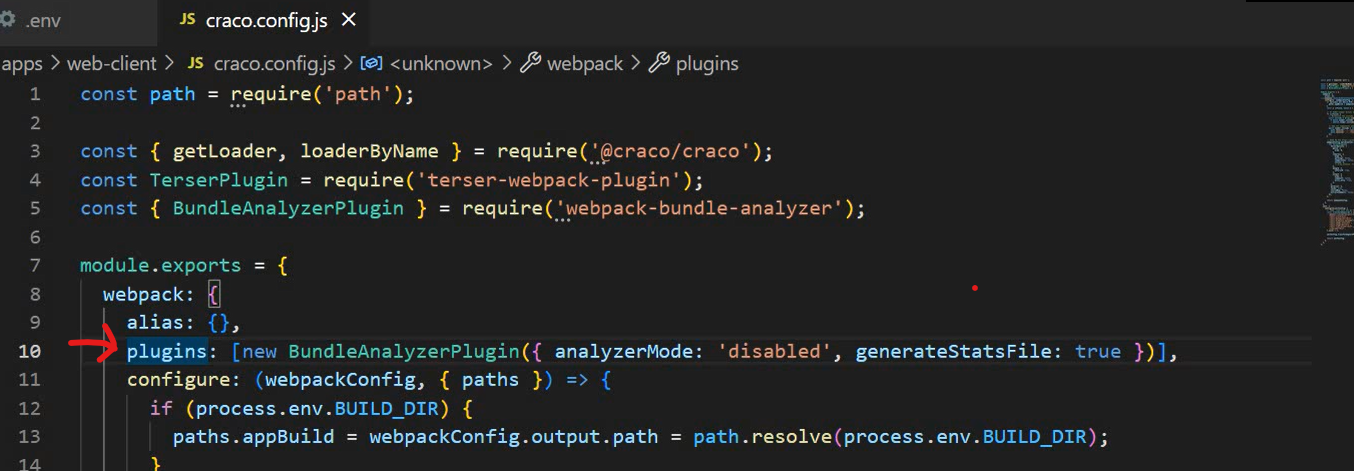
REACT\_APP\_DIGITAL\_WIND\_FARM\_RTMC\_API=http://10.37.20.193:9000

REACT\_APP\_DIGITAL\_WIND\_FARM\_API=http://10.37.20.193:9000

REACT\_APP\_DIGITAL\_WIND\_FARM\_WEBSOCKET=wss://v1argtynr7.execute-api.us-east-1.amazonaws.com/dev

REACT\_APP\_MAPBOX\_ACCESS\_TOKEN=pk.eyJ1IjoiYWFyb25zdG9uZSIsImEiOiJjam1ta3BsNWUwMTh4M3FwM3F3N2FhcmViIn0.iO4yMqX0BnJ66aJuh2oAvQ

1. **digital-windfarm-ftr-develop\apps\web-client\craco.config.js**



Replace line no 10 plugins with the following plugins

    plugins: [new BundleAnalyzerPlugin({

        analyzerMode: 'disabled',

        generateStatsFile: true,

        statsOptions: {

          source: false,

          children: false,

          chunks: false,

          modules: false,

          sources: false,

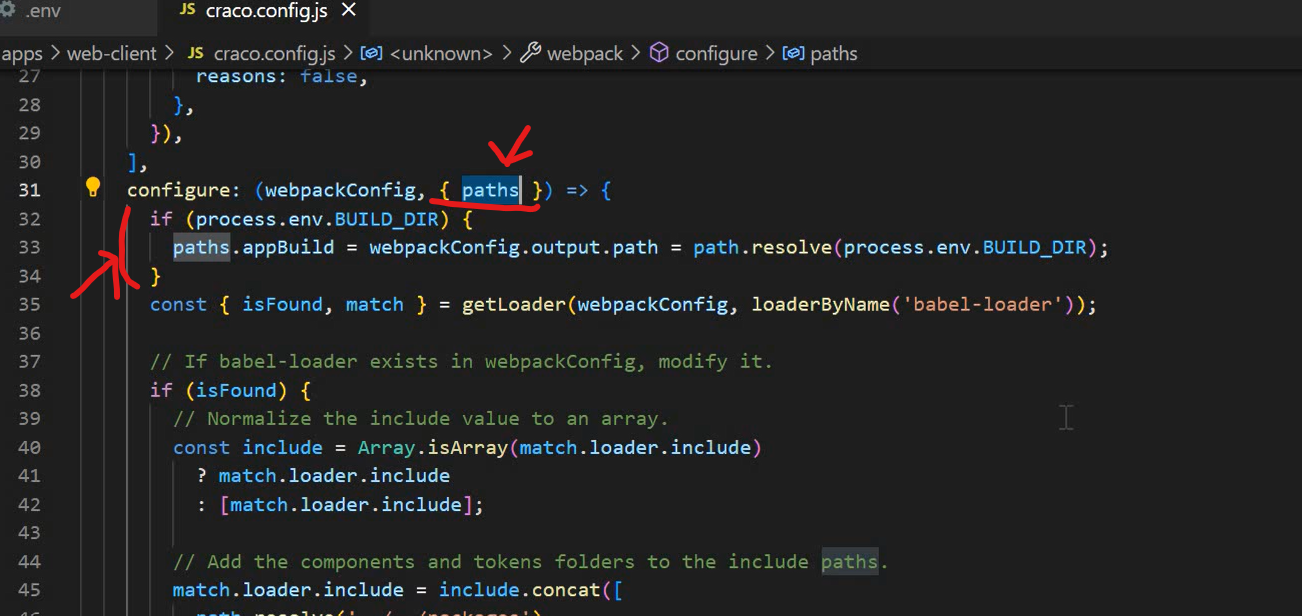
          reasons: false,

        },

      }),

    ],

Within the same file you will see configure function



Remove second parameter {path} and first if condtion. save the file.

      }),

    ],

    configure: (webpackConfig) => {

      const { isFound, match } = getLoader(webpackConfig, loaderByName('babel-loader'));

      // If babel-loader exists in webpackConfig, modify it.

      if (isFound) {

        // Normalize the include value to an array.

        const include = Array.isArray(match.loader.include)

          ? match.loader.include

          : [match.loader.include];

        // Add the components and tokens folders to the include paths.

        match.loader.include = include.concat([

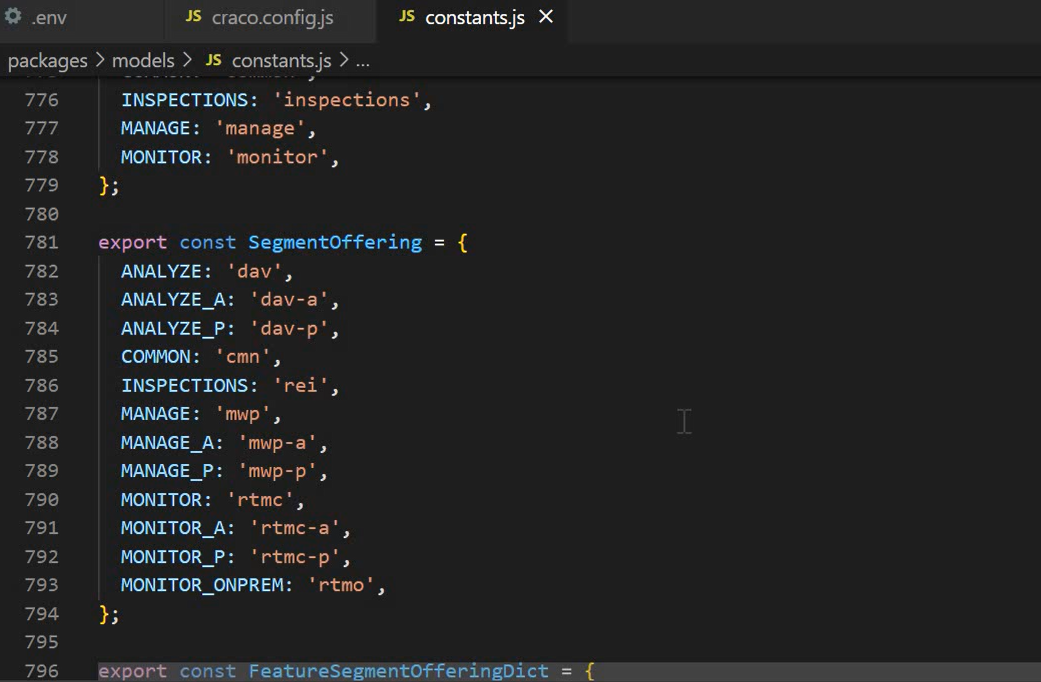
          path.resolve('../../packages'),

          path.resolve('../../features'),

        ]);

      }

1. **digital-windfarm-ftr-develop\packages\models\constants.js**



Replace SegmentOffering object with the following

export const SegmentOffering = {

  //ANALYZE: 'dav',

  COMMON: 'cmn',

  // MANAGE: 'mwp',

  MONITOR: 'rtmc',

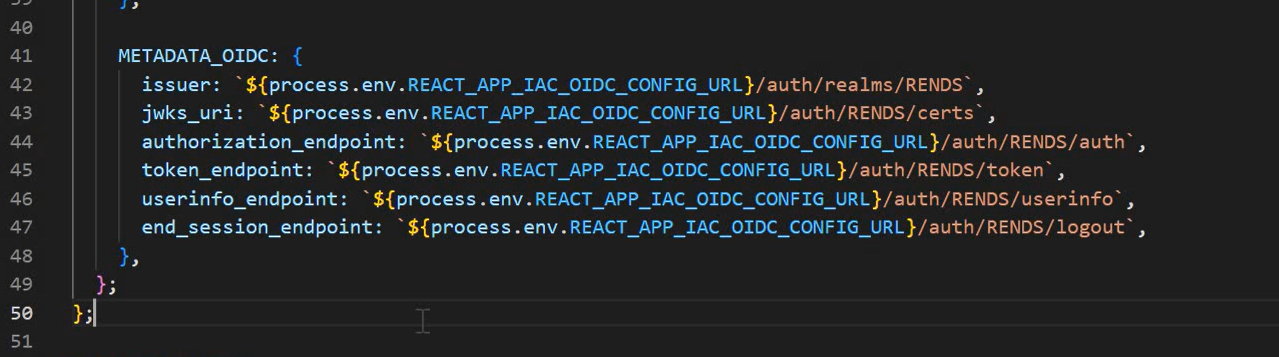
  MONITOR\_A: 'rtmc-a',

  MONITOR\_P: 'rtmc-p',

  MONITOR\_ONPREM: 'rtmo',

};

1. **digital-windfarm-ftr-develop\packages\shared\services\auth.js**



Find METADATA\_OIDC object line on 41 and replace with the following

    METADATA\_OIDC: {

      issuer: `${process.env.REACT\_APP\_IAC\_OIDC\_CONFIG\_URL}/auth/realms/Org`,

      jwks\_uri: `${process.env.REACT\_APP\_IAC\_OIDC\_CONFIG\_URL}/auth/realms/Org/protocol/openid-connect/certs`,

      // authorization\_endpoint: `${process.env.REACT\_APP\_IAC\_OIDC\_CONFIG\_URL}/auth/RENDS/auth`,

      authorization\_endpoint: `${process.env.REACT\_APP\_IAC\_OIDC\_CONFIG\_URL}/auth/realms/Org/protocol/openid-connect/auth`,

      token\_endpoint:

        process.env.NODE\_ENV === 'development'

          ? `${process.env.REACT\_APP\_IAC\_OIDC\_CONFIG\_URL}/auth/realms/Org/protocol/openid-connect/token`

          : `${process.env.REACT\_APP\_IAC\_OIDC\_CONFIG\_URL}/auth/realms/Org/protocol/openid-connect/token`,

      userinfo\_endpoint: `${process.env.REACT\_APP\_IAC\_OIDC\_CONFIG\_URL}/auth/realms/Org/protocol/openid-connect/userinfo`,

      end\_session\_endpoint: `${process.env.REACT\_APP\_IAC\_OIDC\_CONFIG\_URL}/auth/realms/Org/protocol/openid-connect/logout`,

    },

  };

};

**DIGITAL-WINDFARM-FTR-ONPREM-SPRINT**

1. Clone this repo <https://github.build.ge.com/REN-AWS/digital-windfarm/tree/ftr-onprem-sprint>
2. Follow the below steps.

**# Steps required to run BFF on-prem**

1. run yarn install from root dir of project

2. run yarn generate:mocks from root dir of project

3. run yarn replacedb from apps/on-prem

4. run yarn install from apps/on-prem

5. run yarn start from apps/on-prem

**# Steps to build the project**

1. If the project has never been run just follow the above steps after than just run yarn build from apps/on-prem

2. your build code will be inside apps/on-prem/dist

Go to the path **digital-windfarm-ftr-onprem-sprint\apps\on-prem\.env**

Replace the content of .env file with following

PORT=9000

AWS\_SAM\_LOCAL=true

USERS\_TABLE\_NAME=local\_Users

IAC\_VERSION=v3

FS\_FTR\_BASE\_URL=http://10.37.20.193:81

FS\_DEV\_BASE\_URL=http://10.37.20.193:81

AWS\_REGION=us-east-1

APP\_NAME=DWFbff

IAC\_INTERNAL\_BASE\_URL=http://10.37.20.193:8040

MONGO\_DB\_URL=mongodb://10.37.20.193:27017/?compressors=zlib&gssapiServiceName=mongodb

KEYCLOAK\_CLIENT\_CHALLENGE=399f1a08-574b-4500-9e9f-59b47e9f6339

KEYCLOAK\_IDP\_NAME=ldap

KEYCLOAK\_CLIENT\_ID=ge-ren-foundation

KEYCLOAK\_BASE\_URL=http://10.37.20.193:8080/auth

NO\_MOCK\_DATA=false

Once you are done with above changes, restart yarn start in both FTR-DEVELOP and ONPREM-SPRINT

You will see the app is running in the browser

