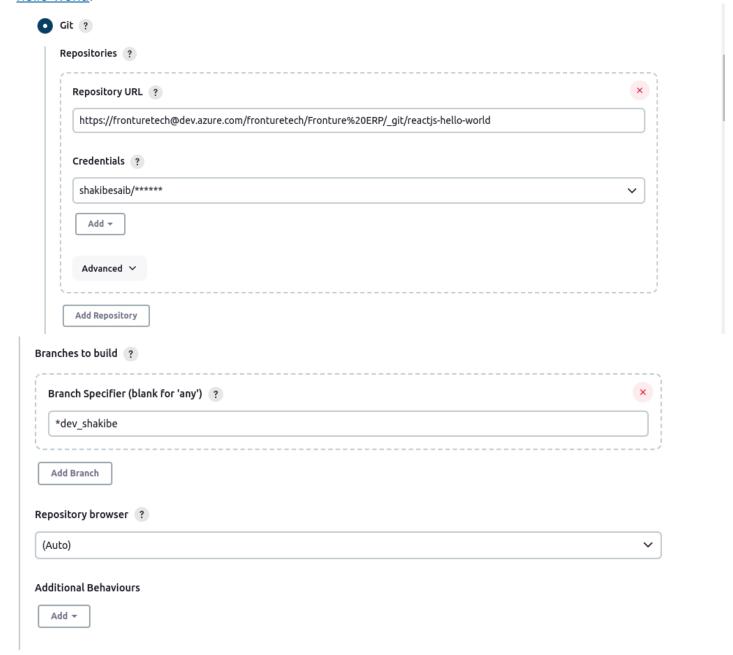
Jenkins pipeline configuration for Reactjs app

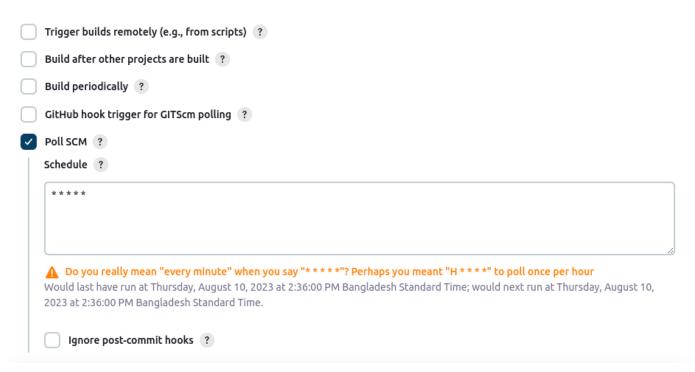
Last updated by | shakibesaib | Aug 15, 2023 at 1:03 PM GMT+6

- Create new item(reactjs) from jenkins dashboard.
- Go to configuration section of the item(reactjs).
- Connecting to our reactjs app repository https://dev.azure.com/fronturetech/Fronture ERP/_git/reactjs-hello-world.

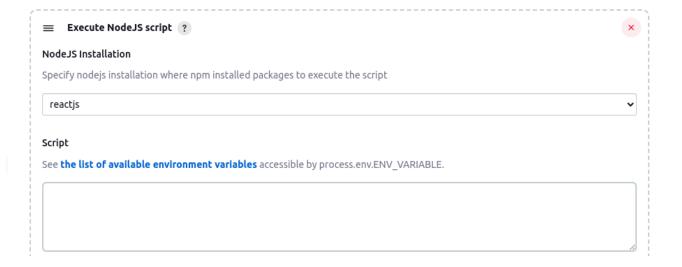


• Build triggers by selecting Poll SCM for any changed to the source code.

Build Triggers



In build step, first make sure the same version of node is being use, or can be selected from global tool
configuration after installing nodejs pluggins. Here created a node of the version named reactjs
Build Steps



Add another build step executive shell and give the necessary command to build and deploy.

```
Execute shell ?

Command

See the list of available environment variables

rm -rf *tar.gz
npm install
  tar czf reactjs.tar.gz node_modules public package.json src
  chmod +r /var/lib/jenkins/workspace/reactjs/reactjs.tar.gz
  cp /var/lib/jenkins/workspace/reactjs/reactjs.tar.gz /home/devops/Desktop/reactjs/
  cd /home/devops/Desktop/reactjs
  tar -xzvf reactjs.tar.gz
  mkdir -p node_modules/.cache && chmod -R 777 node_modules/.cache
  nohup npm start &
    curl -I http://localhost:3006/
```

```
rm -rf *tar.gz
npm install
tar czf reactjs.tar.gz node_modules public package.json src
chmod +r /var/lib/jenkins/workspace/reactjs/reactjs.tar.gz
cp /var/lib/jenkins/workspace/reactjs/reactjs.tar.gz /home/devops/Desktop/reactjs/
cd /home/devops/Desktop/reactjs
tar -xzvf reactjs.tar.gz
mkdir -p node_modules/.cache && chmod -R 777 node_modules/.cache
nohup npm start &
curl -I http://localhost:3006/
```

Save and build.

```
+ curl -I http://localhost:3006/
+ nohup npm start
 % Total
            % Received % Xferd Average Speed
                                             Time
                                                     Time
                                                              Time Current
                               Dload Upload
                                                              Left Speed
                                             Total
                                                     Spent
 Θ
       Θ
            0
                            0
                                  0
                                         0 --:--:--
                                                                        0
 0 1711
                         0
                                  0
                                         0 --:--:--
HTTP/1.1 200 OK
X-Powered-By: Express
Access-Control-Allow-Origin: *
Access-Control-Allow-Methods: *
Access-Control-Allow-Headers: *
Content-Type: text/html; charset=utf-8
Accept-Ranges: bytes
Content-Length: 1711
ETag: W/"6af-+M40SPFNZpwKBdFEydrj+1+V5xo"
Vary: Accept-Encoding
Date: Thu, 10 Aug 2023 08:27:51 GMT
Connection: keep-alive
Keep-Alive: timeout=5
> hello-world-app@0.1.0 start /home/devops/Desktop/reactjs
> PORT=3006 react-scripts start
Finished: SUCCESS
```