How to setup and run build on GitHub pages with SSL implementation

1. Setup github repository (source\_code and build repository separate)
2. Go to github repo settings, then select pages, set the directory of main as root /
3. On the source\_code repository place all the source codes and assets and modules plugins e.g.  
   *Documentations*

*Icon\_UpperJaw.png*

*dist*

*node\_modules*

*reset.png*

*unlock.png*

*Icon\_LowerJaw.png*

*Icon\_UpperJaw\_*

*Occlusal.png index.html*

*package-lock.json*

*script.js*

*webpack.config.js*

*Icon\_LowerJaw\_*

*Occlusal.png*

*css*

*lock.png*

*package.json*

*src*

1. On the build repository only include the bundle.js index.html and the assets files and folders. Please note that bundle.js is on the root directory, no dist folder should be inside and that index.html <script> is pointing to “./bundle.js” instead of “./index.js”. as we are not using source code, but instead using the build version of the web application.  
     
   To get the bundle.js all you have to do is go to command prompt and run “npm run build”. This will generate a dist folder where it contains bundle.js and bundle.js.LICENSE.txt. The GitHub pages will use the bundle.js for the web application. So any changes done to the source codes or assets or modules added or removed will have to rebuild the bundle.js by running “npm run build” again on the source code repository root.  
     
   Contents of E:\NDCS\Faid WebRPD\github\webrpdviewer:  
   Icon\_LowerJaw.png

Icon\_UpperJaw.png

README.md

bundle.js.LICENSE.txt

index.html

reset.png

Icon\_LowerJaw\_

Occlusal.png

Icon\_UpperJaw\_

Occlusal.png bundle.js

css

lock.png

unlock.png

1. Once all the necessary files and folders are in place, push the changes to github repo and the github pages will deploy the new changes accordingly.
2. For SSL implementation replace [https://35.198.233.36:8090/api/smartrpd/{method}](https://35.198.233.36:8090/api/smartrpd/%7bmethod%7d) to [https://api.smartrpdai.com/api/smartrpd/{method}](https://api.smartrpdai.com/api/smartrpd/%7bmethod%7d)
3. Visit <https://faid123.github.io/webrpdviewer/?id=OAJBLhkNOQoOdFADDmMBGQ> to test.