# **React VR**

React VR development requires following software

1. Node js

Install Node js for corresponding OS installed in the system .Usually node js LTS version is recommended, as the version is stable

You can install node js from nodejs.org.

To check the version of node

`Windows+ R -> cmd -> node -v `

To check npm version

` Windows+ R -> cmd + npm -v`

1. Once node is installed, navigate to the folder where project is to be created.
2. Install the React VR CLI tool to create a new application under HelloVR folder and install the required dependencies .Enter

`react-vr init HelloVR`

1. Change the directory to HelloVR project directory

`cd HelloVR`

1. Use the start command to initialize .

`npm start`

1. Open browser to `http://localhost:8081/vr`.

If antivirus software is installed in the system the web browser shows 403 forbidden . This is because the by antivirus software uses port 8081.

So we need to change the port in which react vr uses.

* There are two files needed to be modified in node modules about port 8081:

1. react-native/local-cli/server/server.js - default

In this server .js file change the port number to 3003

2. react-native/React/React.xcodeproj/project.pbxproj

replace all 8081 into some 3003 port

Once changes are made , stop the server , give npm start . Now the web browser gives the VR webpage.