# China Express Railway Web App installation instructions

\*Note server must be running in order for web app to function correctly

## Windows

1. Install nodejs / v5.0^ (and greater) (To get NPM) (https://nodejs.org/en/)
2. Open /RichardTaylorChinaExpressFrontend in command-line
3. Run “npm install”
4. Run "npm install -g gulp"
5. Run "gulp"
6. Go to “http://localhost:9010/" in browser
7. In order to communicate with a locally hosted web server you will need to run google chrome in low security mode. This can be achieved using the following command “C:\Program Files (x86)\Google\Chrome\Application\chrome.exe --args -disable-web-security --user-data-dir “. Please note all other chrome windows must be closed before this is run. Also note your install location for google Chrome may be different.

\*If you see pre-flight errors in the chrome console (right click inspect anywhere on browser page) then chrome is not being run in low security mode.

If you have any questions, please email me at [taylor-r10@email.ulster.ac.uk](mailto:taylor-r10@email.ulster.ac.uk)