Learning Documentation For Ext Js

JavaScript:

Allowing you to create interactive and dynamic web pages. You can use JavaScript to respond to user actions (like clicking a button or filling out a form).

You can build interactive elements like sliders, image galleries, tooltips, and animations. These features make your website more user-friendly and appealing. JavaScript can validate user input on forms.

ExtJs:

Ext JS is Sencha's flagship product. It's a comprehensive JavaScript framework for building cross-browser web applications with a rich user interface.

Popular JavaScript framework primarily used for building rich web applications with a focus on complex, data-intensive, and feature-rich user interfaces. Ext JS provides a wide range of UI widgets, layout managers, data handling capabilities, and tools that simplify the development. Ext JS offers a comprehensive set of pre-built UI components such as grids, forms, trees, charts, and more. These components are highly customizable and help you create modern and visually appealing web applications.
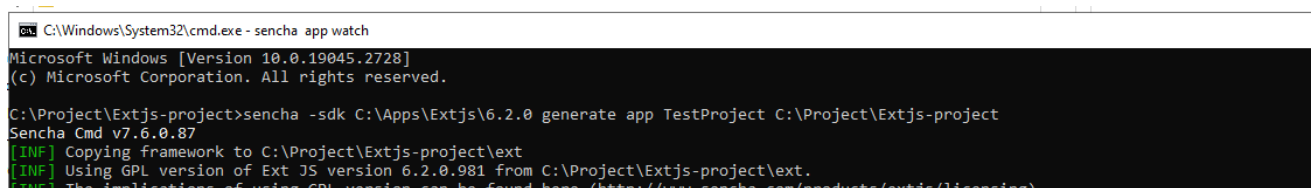
1. Download and installation

- Download and install sencha cmd from https://www.sencha.com/products/extjs/cmd-download/
- Download and install ExtJS SDK from https://www.sencha.com/legal/gpl/
- For installation process   Ext JS Quick Start Guide - Sencha.com

2. Project setup

After installation for run project follow below step:

- First need to set sencha cmd folder path in system environment variable.
- Run cmd with **sencha** keyword. If sencha installed successfully it will run

- For create project with Ext JS, run cmd with directory where project will create
Write this command --> **sencha -sdk </path/to/extjs/framework> generate app <AppName> </path/to/appname>**


```
C:\Windows\System32\cmd.exe - sencha  app watch
Microsoft Windows [Version 10.0.19045.2728]
(c) Microsoft Corporation. All rights reserved.

C:\Project\Extjs-project>sencha -sdk C:\Apps\Extjs\6.2.0 generate app TestProject C:\Project\Extjs-project
Sencha Cmd v7.6.0.87
[INF] Copying framework to C:\Project\Extjs-project\ext
[INF] Using GPL version of Ext JS version 6.2.0.981 from C:\Project\Extjs-project\ext.
[INF] The implications of using GPL version can be found here (http://www.sencha.com/products/extjs/licensing)
```

- For run Ext JS application, wirte command ▢ **sencha app watch**
- It will run the project in localhost port which is mentioned in cmd

```
C:\Project\apps>sencha app watch
Sencha Cmd v7.6.0.87
[INF] Using GPL version of Ext JS version 6.2.0.981 from C:\Project\apps\ext.
[INF] The implications of using GPL version can be found here (http://www.sencha.com/products/extjs/licensing).
[INF] Processing Build Descriptor : classic (development environment)
[WRN] Port 1841 already in use.  Using dynamic port instead.
[INF] Starting server on port : 0
[INF] Mapping http://localhost:0/~cmd to C:\Apps\Sencha\Cmd\7.6.0.87...
[INF] Mapping http://localhost:0/ to C:\Project\apps...
[INF] Server started at port : 60110
[INF] Application available at http://localhost:60110
[INF] Loading compiler context
[INF] Loading app json manifest...
[INF] Appending content to C:\Project\apps\bootstrap.js
[INF] Writing content to C:\Project\apps\classic.json
[INF] merging 237 input resources into C:\Project\apps\build\development\apps\classic\resources
[INF] merged 0 resources into C:\Project\apps\build\development\apps\classic\resources
[INF] merging 18 input resources into C:\Project\apps\build\development\apps
[INF] merged 0 resources into C:\Project\apps\build\development\apps
[INF] Writing content to C:\Project\apps\build\temp\development\apps\slicer-temp\bootstrap.json
[INF] Writing content to C:\Project\apps\build\temp\development\apps\slicer-temp\bootstrap.js
[INF] writing sass content to C:\Project\apps\build\temp\development\apps\sass\apps-all.scss.tmp
[INF] appending sass content to C:\Project\apps\build\temp\development\apps\sass\apps-all.scss.tmp
[INF] appending sass content to C:\Project\apps\build\temp\development\apps\sass\apps-all.scss.tmp
[INF] Writing content to C:\Project\apps\build\development\apps\classic.json
[WRN] Use of 'require()' will be deprecated: C:/Project/apps/ext/classic/theme-neutral/sass/etc/mixins/font-icon.scss:
```
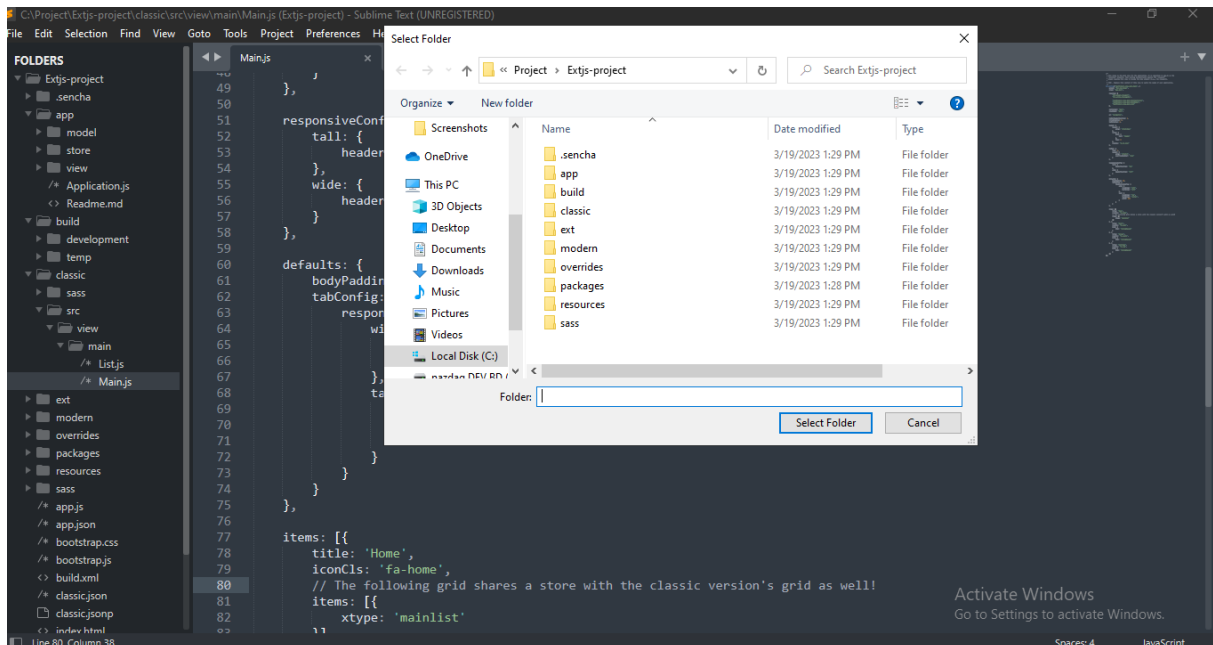
- Open browser with the URL given in cmd like □ **http://localhost:1841**
- For start the project □ **sencha app build**
- Refresh the project □ **secnha app refresh**
- Clean the project □ **sencha app clean**

3. Editor

You can use **VS CODE, SublimeText, IntelijIdea, etc**.

- As example

➔ **ExtJs documentation: https://docs.sencha.com/extjs/7.6.0/**