**Dev Flow**

1. Constructor
   1. Set buildstep ‘1 of 1’
   2. Set all the vars and options.
   3. Set mode as Development and other configs.
      1. Vars:

{

"touchFile":"/src/themer.js",

"watchStarted":false,

"buildstep":"1 of 1",

"firstTime":true,

“firstCompile":true,

"browserCount":0,

"manifest":null,

"extPath":"ext",

"pluginErrors":[],

"deps":[],

"usedExtComponents":[],

"rebuild":true,

"pluginName":"ext-webpack-plugin",

"app":”Some Code for Verbose”,

"production":false

}

* + 1. Options:

{

"framework":"components",

"toolkit":"modern",

"theme":"theme-kitchensink",

"emit":"yes",

"script":"./extract-code.js",

"port":1962,

"packages":["font-ext","ux","d3","pivot-d3","font-awesome","exporter","pivot","calendar","charts","treegrid"],

"profile":"",

"environment":"development",

"treeshake":"no",

"browser":"yes",

"watch":"yes",

"verbose":"yes"

}

1. \_thisCompilation
   1. Runs the code written in options.scripts
   2. Checks the plugin errors.
2. \_compilation
   1. All source and JS files are compiled, but only Ext.Js. \* is provided.
3. \_afterCompile
   1. If not ExtJs then nothing will happen.
4. \_emit
   1. Call Prepare for Build (\_prepareForBuild)
      1. Take all vars.deps and create manifest.js file for Sencha Command.
      2. Set all other Ext files.
   2. Set params of Sencha command from Options.
   3. Call \_buildExtBundle
      1. Initialize Sencha Command.
      2. Call \_executeAsync for watch and everything
5. \_done
   1. Run the port on the browser.

**Production Flow**

1. Constructor
   1. Set buildstep ‘1 of 1’
   2. Set all the vars and options.
   3. Set mode as Production and other configs.
      1. Vars:

{

"touchFile":"/src/themer.js",

"watchStarted":false,

"buildstep":"1 of 2",

"firstTime":true,

"firstCompile":true,

"browserCount":0,

"manifest":null,

"extPath":"ext",

"pluginErrors":[],

"deps":[],

"usedExtComponents":[],

"rebuild":true,

"pluginName":"ext-webpack-plugin”,

production":true

}

* + 1. Options:

{

"framework":"components",

"toolkit":"modern",

"theme":"theme-material",

"emit":"yes",

"script":"./extract-code.js",

"port":1962,

"packages":[],

"profile":"",

"environment":"production",

"treeshake":"yes",

"browser":"no",

"watch":"no",

"verbose":"no"

}

1. \_thisCompilation
   1. Runs the code written in options.scripts
   2. Checks the plugin errors.
2. \_compilation
   1. All source and JS files are compiled, and specific Ext JS components are called.
3. \_afterCompile
   1. If not ExtJs then nothing will happen.
4. \_emit
   1. Call Prepare For Build (\_prepareForBuild)
      1. Take all vars.deps and create manifest.js file for Sencha Command.
      2. Set all other Ext files.
   2. Set params of Sencha command from Options.
   3. Call \_buildExtBundle
      1. Initialize Sencha Command.
      2. Call \_executeAsync for watch and everything
5. \_done
   1. Will show error if any.
   2. Will send the message of the production build.