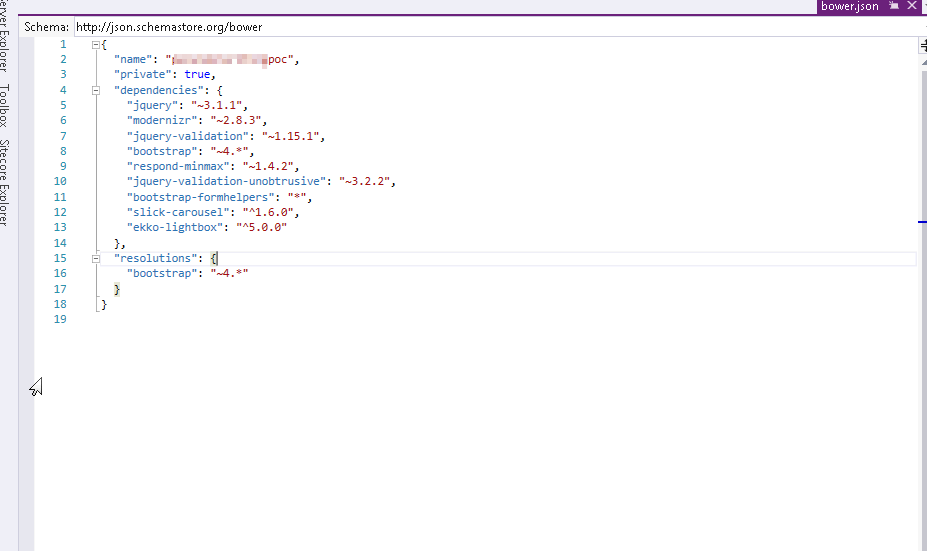
Using Require JS - Bower in feature rich site

In a site where there is a Rich UX/UI - we definitely play with lot of front end libraries ! The Sitecore JS Libraries that are injected in Page editor mode and might cause some conflicts. It has always been a challenge to integrate lot of JQuery/ JS libraries into Sitecore. Sometimes you might spend a complete day to resolve those conflicts that are caused in Page Editor mode of Sitecore.

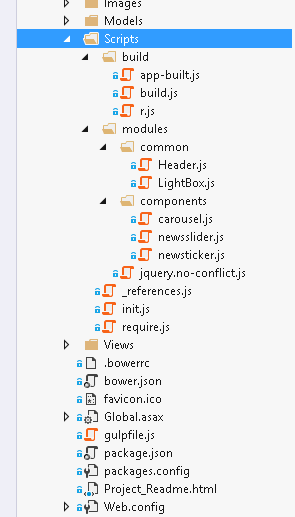
Solution - We can take care these conflicts using RequireJS !! You can configure it in a way that - they totally eliminates all those conflicts.

1. Lets see how to integrate Bower - this will help you in maintaining the FE libraries.

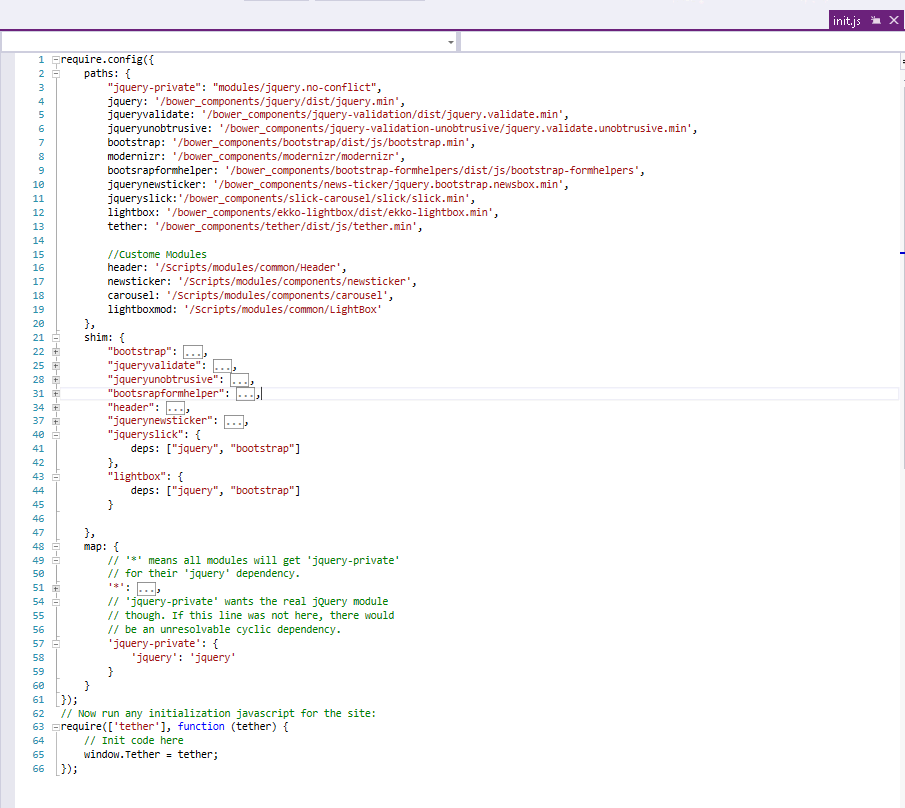
Create a bower.json file with the libraries that are being used.



1. Organize the Scripts in proper folders



1. Create init.js file where the Paths, Dependencies and mapping are defined [ Learn more about this in Require Js documentation ]. Refer this file in \_Layout.cstml so that the dependent files that are used in each modules are loaded seamlessly;



1. Lets see how to pass values from rendering to a newsticker module



The newsticker has a initNewsTicker function that takes in some values which are from a Sitecore Rendering Context Item. These data are passed to the newsticker and as you can see below how it is initialized.

