Angular Clean code

|  |  |
| --- | --- |
| Angular pattern:   1. Component has one role 2. Component has to in one file 3. Single purpose 4. Any kind of messages or codes, config data needs to be in services or in backend . |  |
| Angular UI layer |  |
| Break in modules  Slice of component (SoC) |  |
| Another layer inside of component |  |
| LIFT principle |  |
|  |  |
|  |  |
| No controller suffix is required. Because we have put inside controller folder so need to have suffix, it will be clearer. |  |
| cc is app name ‘code comper’ and file name and widget name will be same. |  |
| modules |  |
| Dependency chain |  |
| Structuring your modules |  |
| Note: | 1. Your custom modules should not have dependencies 2. You can have app.core modules to have all dependencies together in one places. 3. That’s makes your custom module cleaner |
| Note : | 1. Directives are lazy loaded, browser render always later 2. Do not duplicate name of controllers or services, it will be naming conflict. |
| Naming tips |  |
| Summary |  |
| Variable or chaining   * By using chaining , we don’t care to create global variable and its readable. |  |
| Anonymous or named function |  |
| **Minification safe code:**  Minify tool will not minify string array dependency, so pass the dependencies in string array in this example. If we use as first screenshot then there will be problem to find dependencies. |  |
| Function,inject,register better technique to do that.  Preferable -> | Real time scenario |
| Enhancing readability |  |
| Controllers drive angular |  |
| Controllers drives the presentation |  |
| Note : | Controllers works like constructer, if you create controller means creating instance while executing fresh. |
| What is the limit of controllers | Not only do the binding it has below connection |
| Its benefits and should consider always |  |
| ControllerAs draw back | 1. You cannot use $scope.braodcast or other functions because $scope does not exist , you can have this kind of stuff inside services. 2. With vm code will be more cleaner, its recommended in angularJS |
|  |  |
| Note : | If your controller needs to wait for ajax call or promise wait from backend service call data, then need to use resolve in route config function to wait for that and then controller will instantiate   * Here creating myData function inside resolve and that will take some time, so after my data service call only controller will instanciate. Mydata needs to inject in the controller as in second screenshot. |
| Controller pattern |  |
| /\*@ng-inject\*/ | Whenever you are getting problem in minification issues for injecting , use above hint to make understand Angular for doing minification. |
| Gulp task for js-hint | also add one more task for watch |
| angularJS style guide | <https://github.com/johnpapa/angular-styleguide> |
|  |  |
|  |  |
|  |  |