

Knockout Exercise

Exercise 4.3.1

Based on the solution from exercise 4.2.1 modify your application such that it follows the following requirements:

- a) The named templates should be transformed into knockout components. The components must be loaded by the module loader (require.js)¹
- b) Change the index.html to switch between the components instead of the named templates. Remove the templates.
- c) One way to handle communication between components is by use of shared data. In your main.js you should define the title and current component as observables such that it become possible to change both dynamically. Hand these observables to the components (params) in the template in your index.html². This way these observables can be changed from within the components, thus changing the page.
- d) The solution in (c) is durable if applications are small, like here with only two components, but not when applications get more complicated. Change your application to use messaging instead of parsing data around, i.e. on events send a message and let somebody else handle the event. You can use the 'postman' example from the lecture, or create your own.
- e) OPTIONAL: Use Redux instead of messaging.
- f) Add some styling to your page 😊

CSS exercises

Exercise 4.3.2

- a) Create a two colored table. (every second row has the same color)
- b) Make the rows a third color on hover, except the first one that should be the heading.

Exercise 4.3.3

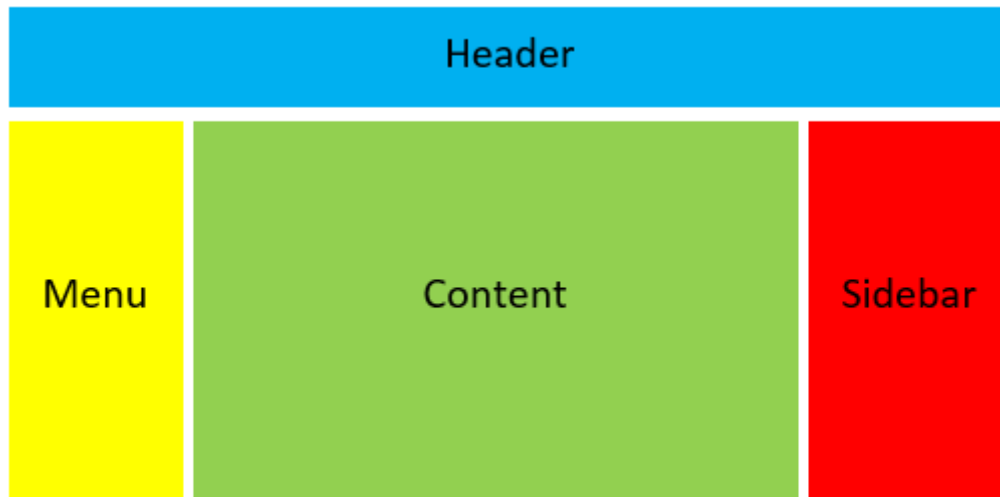
- a) Create a horizontal menu bar with 5 menu items
- b) Change the color of the menu items on hover
- c) Make the menu stay in the top while scrolling the content of the page

¹ See <http://knockoutjs.com/documentation/component-registration.html#an-amd-module-whose-value-describes-a-viewmodel> for examples on how to combine knockout components and require.js

² <http://knockoutjs.com/documentation/component-binding.html#api>

Exercise 4.3.4

- a) Create a page layout as the following by use of floating



- b) Change the menu from 3.3.2 into a vertical menu and include it as the left menu