**Test task**

TreeView of units

**Description**

You have an **Unit** object. You need to render tree view of the Unit with name of the Unit owner and show a **budget** of each Unit **converted to the USD currency**. You can convert each currency to the USD with helps of the **CurrencyRate** object (For example, value in USD = value in EUR \* currencyRate for EUR).

|  |
| --- |
| class **Unit** {  id: number;  budget: CurrencyValue;  unitOwner: string;  childUnits: Unit;  }  class **Currency** {  id: number;  name: string;  }  class **CurrencyRate** {  id: number;  rate: number;  currency: Currency;  }  class **CurrencyValue** {  value: number;  currency: Currency;  } |

**Requirements**

1. get of the Unit object via Ajax-call (use server is not required, you can use local path to file \*.json)
2. get of the CurrencyRate object via Ajax-call (use server is not required, you can use local path to file \*.json)
3. render TreeView after get all data
4. each node of the TreeView must be collapsed and can be expanded after click on a button (for example, [+] button is collapsed state, [–] button is expanded state)
5. if node doesn’t have child nodes button must be hidden;
6. Stylize the TreeView

**Optional**

1. Make the beautiful TreeView
2. Use a framework (AngularJs, Angular 2, Knockout)
3. Place code in your github repository

**P.S.**

1. tree-view.png — that is the sketch which we want to see
2. unit.json — data in the JSON file extension which has unit data
3. currency-rate.json — data in the JSON file extension which has currency rates data