

Angular vs. JQuery

General part

- We have introduced two different JavaScript libraries/frameworks this semester. Explain the differences/purposes of both
- Explain the term DOM related to browsers
- Explain the Benefits from designing Single Page Applications
- Explain the benefit from having a backend that exposes all data to clients via a REST-API

Practical part

Unpack and open the project found in *AngularJQuery.zip*. This is a plain NetBeans Web-project

The files you should care about in the project are:

Folder	File
Source Packages model	DataFactory.java This file provides a single public method <code>getMembersAsJson()</code> which will provide you with an Json-version of the data needed for this exercise (right click the file, and select run).
Web Pages	tableAngular.html This is where you should place your Angular Code tableJQuery.html This is where you should place your JQuery Code

In this exercise you must create two "identical pages, using two different strategies:

- 1) Create a GET REST-service which can deliver the JSON member list you get from the DataFactory.
- 2) Create a table (in `tableAngular.html`) using AngularJS and data obtained via the REST-Service implemented in step-1
- 3) Create an "identical table" (in `tableJQuery.html`), this time using JQuery¹
- 4) If you have time, include the friends part as a link in the table, and come up with a way to visualize friends when the link is clicked (only for the Angular-version).

¹ If you lack time, it will be sufficient, to add only a single column, to demonstrate how you do it with plain JQuery,