



Visualizing Data in Finance

Researching available technologies
and developing a prototype in cooperation with h_da

Rel. 1.0

Projects Overview

Starting point:

Web GUIs are to be created for an existing real-time data distribution platform. There are two different tasks:

1. Creation of a web GUI for the administration of the real-time platform
2. Creation of a front end for displaying real-time data

When developing solutions for financial institutions, the highest security requirements must be met. All web backends, if required, should be cloud-based and run in Kubernetes.

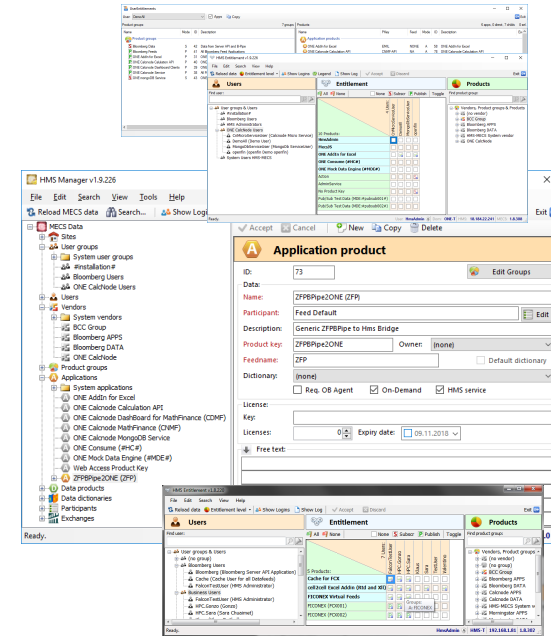
Project 1

Starting point:

- A fat client GUI (Windows Forms) is to be converted to web technology, if possible WebAssembly
- For this purpose, all possible web tools should be researched and compared. The GUI is relatively complex (WinForms).

Desired Results:

- Researching the most suitable technologies and comparing them in a result matrix
- Creation of a prototype



Project 2

Starting point:

- A data terminal for displaying real-time financial data is to be created as a web application to display data from various vendors in real time. The idea is to create a "terminal designer" that allows users to design and save their own terminals.

Desired Results:

- Research all possible web tools and compare if fit for purpose by comparing them in a result matrix
- Create widgets for displaying real-time financial data from various vendors in real-time using the existing ONE JavaScript API
- If time allows creation of a "terminal designer" that allows users to put together and save their own terminals.

