**Meaning of colors:**

Skyblue: function

Darkyellow: action

Red: state

Orange: variable or argument

Green: method & route path

**Order of execution when the page is rendered for the first time**

loadPortfolios() → selectPortfolio() → loadSharesOfPortfolio() → organizeShare()

**loadPortfolios():**

1. Get all portfolio(s) of the user through the GET ‘api/portfolio’ route.
2. Dispatch PORTFOLIOS\_LOADED and save the response (i.e. all loaded portfolio(s) from the server) in the portfolio.portfolios state

**selectPortfolio(**portfolioId**):**

1. Dispatch SELECT\_PORTFOLIO and save the portfolioId in the portfolio.currentPortfolio state

🡪 In MainPage, select the first portfolio from the loaded portfolio(s) as default portfolio (so the first portfolio is always shown in the MainPage by default).

**loadSharesOfPortfolio(**portfolioId**):**

1. Get all shares of the portfolio (searched by portfolioId parameter) through the GET ‘/api/stock/portfolioId’.

1. Classify stocks by classifyStocks() and get the classified stocks as the return value.
2. Dispatch CLEAR\_STOCKS.
3. Dispatch STOCKS\_LOADED and save classifiedShares in the stock.stocks state.

**organizeShare (**ticker, shareInfo**):**

1. Calculate avg. price and quantity of each shares at stock.stocks state.

1. Dispatch STOCKS\_ORGANIZED and save the organized shares in the stock.organizedStocks state.