Algo-trading market emulator LLD

## **MarketRequest class**

#### Functionality

Provides parsing for JSON requests and calls the RequestOperations class for performing actions of the request object.

#### Request JSON fields

* All Requests:
  + “auth” - a dictionary containing authentication parameters.
    - “user” - the username.
    - “Token” - authentication token; Contains the RSA signed username.
  + “type” - request type, one of the following : {“buy”, “sell”, “queryBuySell”, “queryUser”, “queryMarket”, “cancelBuySell”}
* Buy/Sell requests:
  + "commodity" - commodity ID.
  + “amount” - buy/sell amount.
  + “price” - buy/sell price.
* Query buy/sell request:
  + “id” - request ID to query.
* Query user request:
  + No arguments
* Query market request:
  + "commodity" - commodity ID.
* Cancel buy/sell request:
  + “id” - request ID to query.

Details about:

Terminology, Trading framework and Actors can be found here:

<https://goo.gl/h5MyZu>