Service Client Instructions

Service endpoints (see Example Transcript for usage)

- GET /stocks.json
  Returns a JSON object mapping stock symbols to their current price quotes.

- GET /account.json
  JSON object giving information about your current holdings and cash balance.

- GET /trade_history.json
  Returns all trading history of *all* participants.

- POST /buy/*symbol*/*quantity*
  POST /sell/*symbol*/*quantity*
  Buys (sells) the given quantity of stock at the market price. The order may not execute at the price quoted; beware!

HTTP authentication

Use Basic authentication; your username and password have been assigned.

Example transcript

* GET /stocks.json
{"ABC":10.0}

* GET /account.json
{"portfolio":{},"cash_balance":1000.0}

* POST /buy/ABC/5
{"executed_at":125134790376,"price_per_share":10.0}

* POST /buy/ABC/10
{"executed_at":125134790570,"price_per_share":10.0}

* GET /account.json
{"portfolio":{"ABC":15},"cash_balance":850.0}

* POST /sell/ABC/15
{"executed_at":125134791325,"price_per_share":10.0}

* GET /account.json
{"portfolio":{},"cash_balance":1000.0}

* GET /trade_history.json
[{"participant_id":1,"price":10.0,"time":125134790376,"quantity":5,"stock":"ABC"},
 {"participant_id":1,"price":10.0,"time":125134790570,"quantity":10,"stock":"ABC"},
 {"participant_id":1,"price":10.0,"time":125134791325,"quantity":-15,"stock":"ABC"}]