

# CS 351L - *Design of Large Programs*

## Project 5 Design

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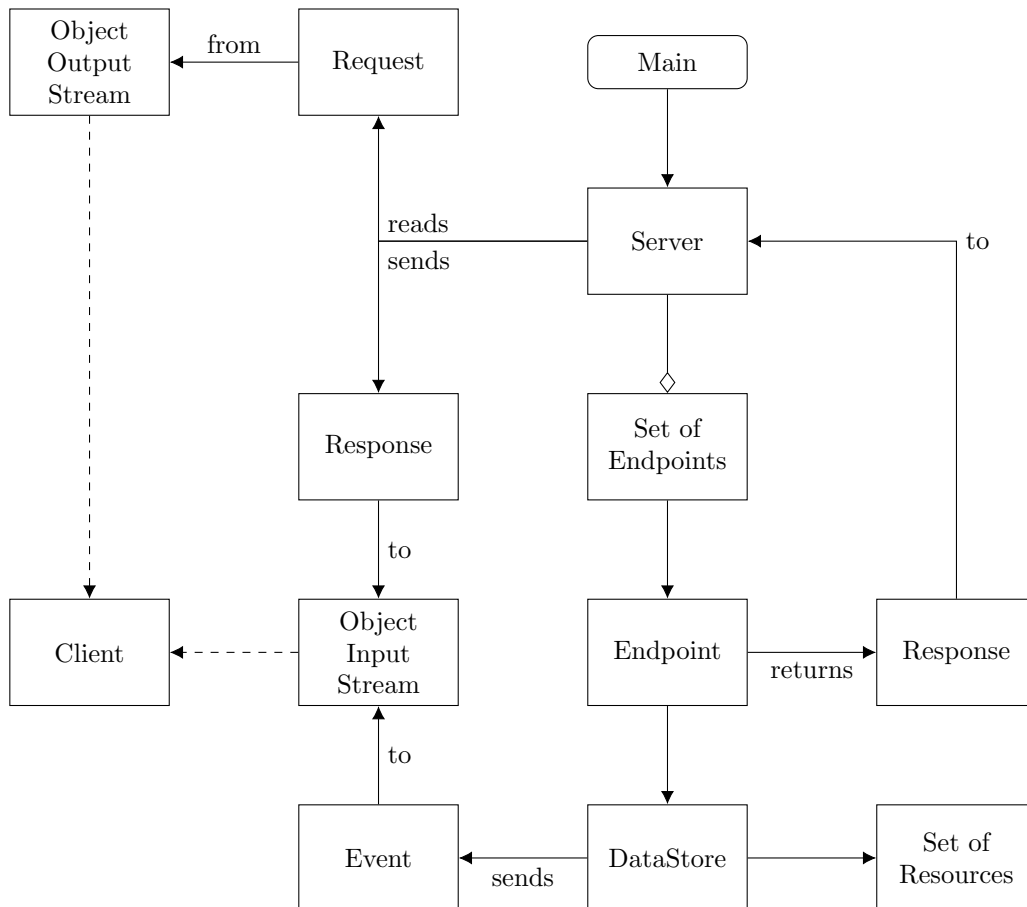
22 Apr 2021

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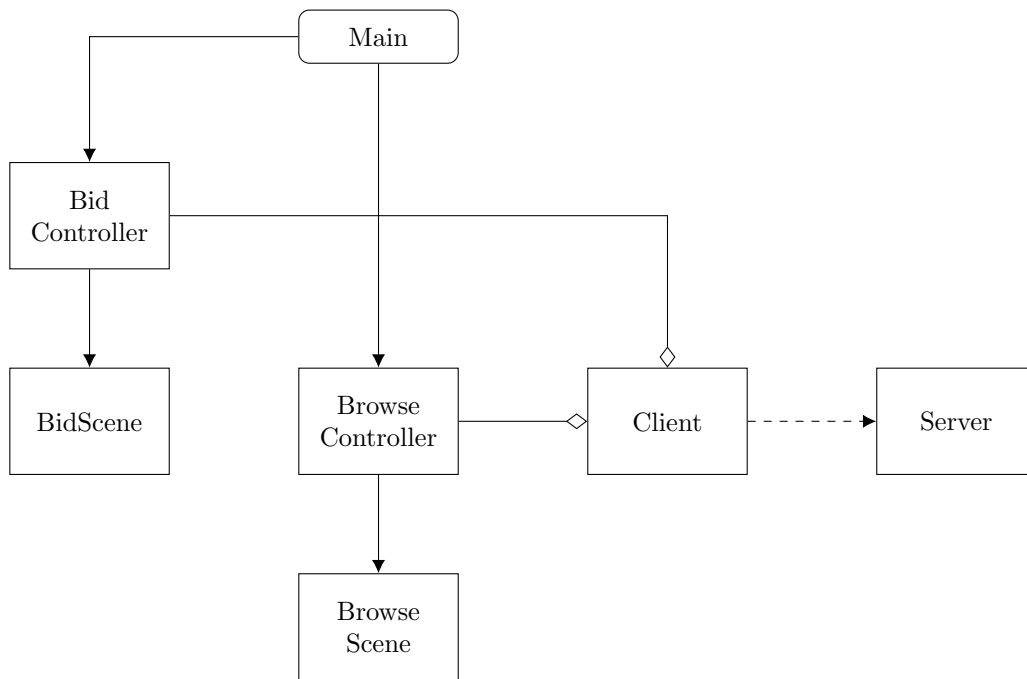
## 1 Object Diagram

**NOTE:** dashed line implies cross-network communication

### 1.1 General Diagram for Server



## 1.2 Diagram for Agent



## 1.3 Clarification

- BrowseScene is for observing the list of items, and BidScene is for bidding on an item
- Each Endpoint has a "URL" of sorts that is specified in the Request option, and the Server will route a request to the desired endpoint and return the Response
- A client can "listen" in on a specific resource in the DataStore, and they will be notified upon that resource being changed with an Event object