

# Book Store

## Evaluation Document

### SINGLE CLIENT (On localhost)

The average response time for **1000** requests from the **3 different servers** are as follows:

#### Front-end Server :

- /lookup: 0.08297s
- /search: 0.08794s
- /buy: 0.1037084s

#### Catalog Server:

- /query: 0.077631s

#### Order Server:

- /buy: 0.095210s

### MULTI CLIENT - 2 (On AWS instances)

The average response time for 1000 requests in a concurrent setting with **2 clients** querying the **3 different servers** on different instances at the same time are as follows:

#### Front-end Server:

- /lookup: 0.08641s
- /search: 0.088081s
- /buy: 0.106728s

#### Catalog Server:

- /query: 0.08093s

#### Order Server:

- /buy: 0.0964s

## MULTI CLIENT - 3 (On AWS instances)

The average response time for 1000 requests in a concurrent setting with **3 clients** querying the **3 different servers** on different instances at the same time are as follows:

### Front-end Server:

- /lookup: 0.08857s
- /search: 0.089142s
- /buy: 0.107712s

### Catalog Server:

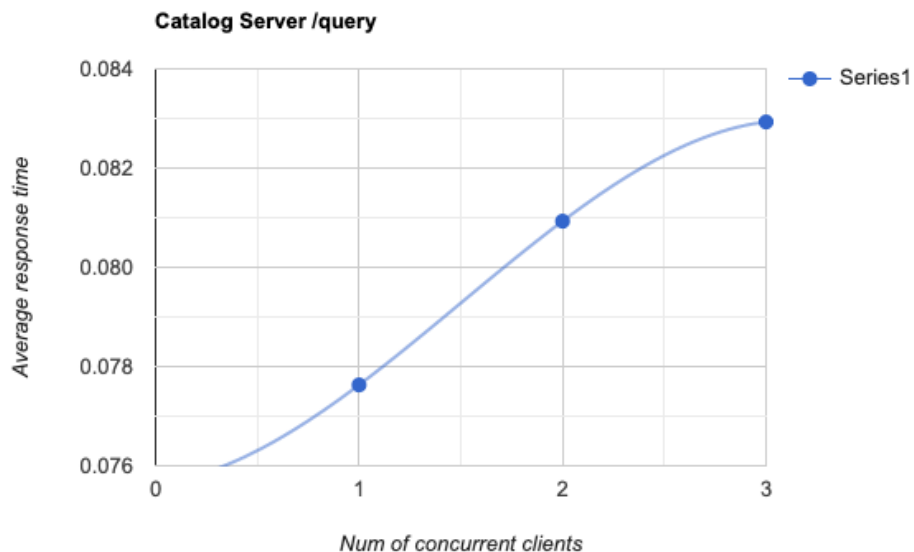
- /query: 0.08293s

### Order Server:

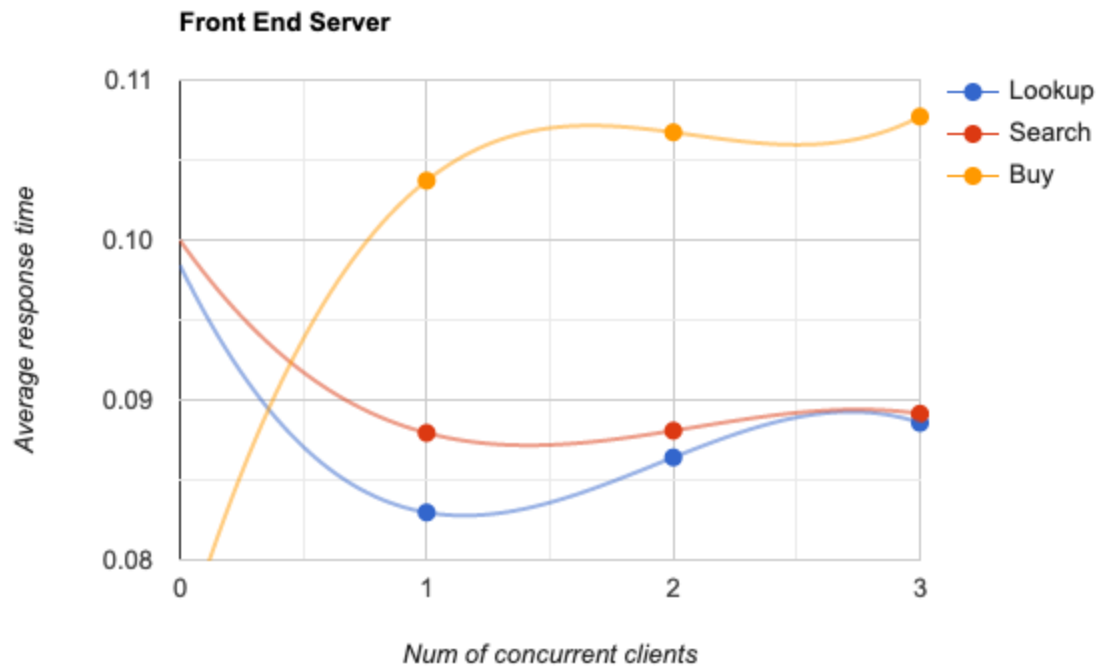
- /buy: 0.0984s

## RESPONSE TIME VS CLIENTS

### CATALOG SERVER



### FRONTEND SERVER



## ORDER SERVER

