EVENT DRIVEN ARCHITECTURE

**[DESCRIPTION OF THE WINDOWS]**

**So a brief descrition of these windows**

1. **The Top left one represents a mysql’s command line**
2. **The Top Right represents a convenient subscriber of the first topic**
3. **The Bottom left is a browser by which access the API of the materialized view service**
4. **In the Bottom right we can see the the booking service execution log**

I try to simulate the activity of a supposed user loading some dummy records within the booking table.

Once the scheduler is triggered these records will be then published to the first topic which persists the pending requests.

This publishing event triggers on its time the materialized view service storing this data withing its mongodb database

**[REFRESH LIST]**

At the same time also the management service is triggered by this event . We can see its publishing activities, as a result of its business logic, on the two topics shown on the right of the screen

These last events trigger on their turn the materialized view service that update the status of each stored record within its mongo db database

**[REFRESH LIST]**