Order Service canvas

Chris Richardson <http://microservices.io>

This canvas describes the Order Service, which is part of the FTGO application <https://github.com/microservices-patterns/ftgo-application>.

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| **Service Name** | Order Service | |
| Description | The Order Service provides an API for creating, revising, and cancelling orders. | |
| **Capabilities** | | |
| * Order Management | | |
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| **Service API** | | |
| **Commands** | **Queries** | **Events** |
| Synchronous:   * createOrder() * reviseOrder() * cancelOrder()   Asynchronous:   * … | * getOrder() | * Order Created * Order Authorized * Order Revised * Order Cancelled * ... |
| **Non-functional requirements** | * 99.95% availability * 1000 orders/second | |
| **Observability** | | |
| **Key Metrics** | | |
| * placed\_orders * approved\_orders * rejected\_orders   …​ | | |
| **Health check endpoint** | /actuator/health | |

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| **Implementation** | |
| **Domain Model** | |
| Order aggregate | |
| **Dependencies** | |
| **Invokes** | **Subscribes to** |
| Consumer Service:   * validateOrder()   Kitchen service:   * createTicket() * confirmCreateTicket() * cancelCreateTicket()   Accounting Service   * authorize() | Restaurant Service:   * Restaurant Created event * Restaurant Menu Revised event   Saga reply channels:   * Create Order Saga * Revise Order Saga * Cancel Order Saga |