# Quantum Reference Guide

Version 1.2.2-SNAPSHOT, 2025-10-29T14:03:58Z

#### **Table of Contents**

1. Platform	2
2. Modeling and Tenancy	3
3. APIs and Queries	4
4. Security	5
5. Data Seeding	6
6. Operations	7
7. Samples	8
8. Appendix	9

### **Chapter 1. Platform**

• Overview: Platform overview

• Project setup: Project setup

#### **Chapter 2. Modeling and Tenancy**

- Ontologies in Quantum (deep dive): Modeling relationships with ontologies
- Concrete e-commerce example: Orders, Shipments, Fulfillment, Returns
- Integration with Morphia/permissions: Integrating ontology with rules and repos
- Domain modeling: Domain modeling fundamentals
- Tenant models and realms: Multi-tenant model and realm separation
- Domain rule context: Domain rule context

#### **Chapter 3. APIs and Queries**

- REST CRUD: Building RESTful CRUD APIs
- Query language: Query language and filtering

#### **Chapter 4. Security**

- Authentication: Authentication, permissions, and annotations
- Permissions: Permissions
- Security annotations: Security annotations

#### Chapter 5. Data Seeding

- Seed packs (tutorial): Seed packs: Declarative tenant seeding
- Seed packs (deep dive document): Seed packs and declarative tenant seeding

## **Chapter 6. Operations**

• Migrations: Migrations

• Testing: Testing

### **Chapter 7. Samples**

• Supply Chain tutorial: Supply Chain

## Chapter 8. Appendix

For configuration, Quarkus integration details, and glossary, see the Appendix in the main index.