

# Quantum Reference Guide

Version 1.2.2-SNAPSHOT, 2026-01-26T21:40:03Z

# 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

This reference is a topic-based index that links to the in-depth tutorial sections. Use it to jump directly to a subject and then explore details in context.

# 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](#)
- Permission Resource Check APIs: [Permission Resource: Check APIs and Client Usage](#)
- Label resolution and script helpers: [Labels \(SPI\) and hasLabel\(\)](#)

# 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.