

Quarkus - Interview Sheet

Cloud-native Java, GraalVM native image, CDI, and Panache

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Top 10 Interview Questions

Q1. What is Quarkus and what properties make it optimized for containers and cloud-native environments?

Answer:

Q2. How does Quarkus native compilation with GraalVM reduce startup time and memory footprint?

Answer:

Q3. Explain Quarkus's build-time CDI model. How does it differ from Jakarta EE's runtime CDI?

Answer:

Q4. How do you build REST endpoints in Quarkus using JAX-RS and RESTEasy Reactive?

Answer:

Q5. What are Quarkus Dev Services and how do they automatically start required infrastructure in dev mode?

Answer:

Q6. How does Quarkus handle reactive programming with SmallRye Mutiny (Uni and Multi types)?

Answer:

Q7. What is Quarkus Panache and how does it simplify JPA entity management with active record pattern?

Answer:

Q8. How do you configure and consume Kafka messages in Quarkus with SmallRye Reactive Messaging?

Answer:

Q9. Explain how Quarkus extensions work. What happens at augmentation (build) time vs runtime?

Answer:

Q10. How do you write and run integration tests in Quarkus using `@QuarkusTest` and `@QuarkusIntegrationTest`?

Answer: