Embedded C/C++ - Interview Sheet

Top 10 Embedded C/C++ Interview Questions - IoT & Edge

Q1. **What is Embedded C/C++ and what primary problem does it solve in the IoT & Edge space?**

Answer:

Q2. **Explain the core architecture or components of Embedded C/C++ and how they work together.**

Answer:

Q3. **What are the main alternatives to Embedded C/C++ and when would you choose it over them?**

Answer:

Q4. **How do you install, configure, and get started with Embedded C/C++ for a new project?**

Answer:

Q5. **What are the key configuration options or settings that affect Embedded C/C++'s behavior in production?**

Answer:

Q6. **How does Embedded C/C++ handle scalability, reliability, and high availability?**

Answer:

Q7. **What observability does Embedded C/C++ provide: metrics, logs, traces, or health endpoints?**

Answer:

Q8. **What are the common performance bottlenecks in Embedded C/C++ and how do you address them?**

Answer:

Q9. **What security best practices should you follow when deploying Embedded C/C++?**

Answer:

Q10. **What are the most common pitfalls or mistakes teams make when adopting Embedded C/C++?**

Answer: