

Exam Questions Example

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Question 1

Erich Gamma said: “We try to keep binary compatibility in Eclipse.” Explain how they achieve that and discuss it.

Question II

The OSGi framework allows the easy integration of components. In particular, components can be loaded/unloaded/updated at runtime. Explain how they achieve that in Java.

Question III

What is needed for reading from the keyboard and sockets at the same time?
Explain how a possible solution would work.

Question IV

Can you compare Linda-like shared spaces (e.g. T-Spaces, JavaSpaces) and RPC-like mechanisms (e.g. RMI, Corba)?

What are their strengths and weaknesses?