

AI-Driven Service Virtualization: Transforming Banking Operations Through Automation

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Abstract

In the ever-evolving world of software development, delivering high-quality applications quickly is crucial. Over the years, I have worked with CA LISA (now part of Broadcom's DevTest suite) to create AI-powered virtualization solutions that make testing faster and more efficient. Using live traffic recorders, I have simulated everything from web services (SOAP/REST APIs) to databases, messaging systems (like JMS), file systems, and custom protocols. This allows development teams to test in isolated environments without relying on external systems that might slow things down or introduce errors. The result is more comprehensive test coverage, smoother development cycles, and, ultimately, more reliable software, all while keeping things running at a faster pace.

