

Building Core Service for tool management software applying Microservices architecture

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Abstract: This topic focuses on building a Core Service for a tool management system based on Microservices architecture to meet the flexibility and scalability requirements of modern applications. The research process includes practical analysis, system design using an academic method combined with experimentation, and application deployment to verify effectiveness. The expected outcome of the topic is to provide a flexible solution for managing tool services in a Microservices environment, making a significant contribution to software technology development.

Keywords: Core Service, Microservices, Tool Management, Software Technology, Software Architecture