Microservices: Design, Programming, and Operations

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Deadline for manuscript submissions:
closed (30 September 2024)

Message from the Guest Editors

Dear Colleagues,

Microservices are being increasingly adopted in enterprise IT, as many large companies have embraced these architectures to deliver software services to their users. Microservices constitute an alternative to traditional software architectures and offer several advantages, such as enhanced adaptability, scalability, and resilience to failures. Furthermore, microservices facilitate expedited and more streamlined development processes, while promoting cross-collaboration among DevOps teams. As the technological landscape evolves and grows more intricate, the significance of microservices in constructing scalable and efficient applications is evident.

This Special Issue precisely aims at collecting original contributions on topics related to the design (e.g., software engineering, best practices and patterns, formal analyses/models), programming (e.g., languages, testing, DevOps techniques), and operations (e.g., management/orchestration, security, AIOps) of microservice-based applications, and on their future development and impact. Other topics of interests can be found in the call for papers available at: https://www.conf-micro.services/2023/

Special Issue

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Message from the Editor-in-Chief

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