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Towards a TTCN-3 test framework for OCCI-based Cloud ecosystems

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Yongzheng Liang studied mechanical engineering with the major subject applied computer science at the University of Stuttgart, Germany. She joined the Communication Systems group at the computer centre of the same University. She participated in the European IST projects 6WINIT, Daidalos I, Daidalos II, and Swift. In the latter projects, using Telelogic's Tau simulator, she was always responsible for the integration of the disparate developer contributions into a consistent, testable global UML architecture model. In the ongoing Cloud project 'BonFire' Yongzheng is responsible for extending and mapping OVF onto the Bonfire data model and for user support documentation. At present she is working towards a PhD using TTCN-3 for model-driven testing of complex OCCI-based Cloud systems.