Design challenges for autonomic networked systems

Khalil DRIRA LAAS-CNRS, Université de Toulouse, CNRS, Toulouse, France

This talk presents our work in the field of the design modeling and management of dynamic adaptive software architectures. We present the abstraction models for the management of the dynamic evolving and the frameworks of execution and dynamic reconfiguration that support it. Different application contexts are considered. We consider especially distributed and distributed cooperative systems and the Internet of Things platforms and applications.