Automatic Configuration of Baseline for Service Response Time

Description

Monitoring the response time of a service helps service providers to analyze, forecast the status of the system and prevent SLA violation. The response time may include, for example, client- and server-side response time, function response time and external services’ response time. With the increasing complexity of software systems, the location in the system where the response time can be observed also increases. Setting a violation threshold on each parameter becomes a difficult and time-consuming task. This seminar paper shall investigate the techniques that can be used to automatically find and set the best threshold for service response time.

References


Contacts

Teerat Pitakrat (pitakrat@informatik.uni-stuttgart.de)  
Reliable Software Systems (RSS) Group  
Institute for Software Technology (ISTE)  
University of Stuttgart