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TCN4SOA™: a TTCN-3 architecture and framework for SOA testing

by Fabio De Rosa— Simple Engineering

Fabio De Rosa has got a PhD in Computer Science at the University La Sapienza (Rome (I) -

Over 15 years of experience in design and developing IT (distributed) system, he has acquired competences on different enterprise and methodological frameworks (RUP, OMT™, Zachman, ecc. – NAF only theoretical knowledge), languages (SBVR, UML™, ...) and tools about distributed system and network architecture design and development, skills on very large suite of proprietary and open source components, and products on different technological platforms (i.e., XML/WS-*, .NET, Java EE, LAMP, ...) in supporting Enterprise Integration System and Architecture (he has been an official trainer of ORACLE SOA Suite 10g and 11g for Oracle University Italia). He is co-author of the Simple Engineering SOA/BPM methodological frameworks: simpleSOAD© and simpleSOA™ (www.simple-eng.com). simpleSOAD© employs a formal, contract-based, model-driven (MDA) approach to requirement analysis, design and implementation on multiple interoperability (XML-WS*, REST, CORBA...) and implementation (JEE, .NET, C++ ...) platforms of services, services architectures, service-enabled business processes. simpleSOA™ is a general framework for requirement-based (functional, security, dependability, scalability) testing and troubleshooting of services, services architectures and service-enabled business processes. At the moment, his main activities are focused on requirement analysis, design and testing of services and services architecture in the public and private sectors, training/coaching on simpleSOAD© frameworks, participation to italian, french and european projects (HealthSOAF- http://www.healthsoaf.it, BN4SAT, and MIDAS - http://www.midas-project.eu/).

In the recent past, he has actively participated (and is participating) to several working groups of Health Level Seven (HL7) Italy as well as he was skilled on the testing language TTCN-3 (an ETSI standard - http://www.ttcn-3.org/) by becoming the official italian trainer of the testing platform TTworkbench (http://www.testingtech.com/).