Researchers Propose Constraint-Based Reasoning to Capture Cloud Services

A team of researchers has proposed a constraint-based reasoning on extended feature models to address the need to explicitly capture the cloud services, their Quality of Service attributes, and the cross-service relationships and constraints in a logical and structural manner as part of an ecosystem.

Using Constraint Reasoning on Feature Models to Populate Ecosystem-driven Cloud Services e-Marketplace

Dr. Olawande Daramola and Mr. Azubuike Ezenwoke, both of Covenant University, and Professor Matthew Adigun of the University of Zululand, South Africa, in their study titled, 'Using Constraint Reasoning on Feature Models to Populate Ecosystem-driven Cloud Services e-Marketplace', ascertained that service providers leverage cloud ecosystems and cloud e-marketplaces to increase the business value of their services and reach a wider range of service users.

However, with the aid of an example, they demonstrated how the service directory is constantly updated with composite services from the ecosystem, and those services can then be offered to users via the e-marketplace platform. The aim of the study, said the researchers, is to improve the user experience of the cloud service e-marketplace environment in the near future.

For more on the study, click here

03/14/2017 01:54 pm