



Research Talk by

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on



Process-based Engineering and Enforcement of Access Control Policies

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ABSTRACT: In the information systems context, Policies are rules governing the choices in behavior of a (software) system. They enable the dynamic parametrization of behavior in a system – without changing the system entities interpreting and enforcing these rules. The complexity of today's distributed information systems results in high administrative efforts which become even worse for growing/expanding systems. Therefore, policies have become a popular approach to cope with the increasing complexity of system management.

However, a variety of different problem domains exist in the context of policy-based management. These problem domains range from the specification to the enforcement of policy rules and do further include life cycle aspects such as maintenance of policies. In this talk we present an integrated methodology for the elicitation, management, and enforcement of access control policies in software-based systems.

SPEAKER: PD Dr. Mark Strembeck is an associate professor of information systems and the Vice Head of the Institute for Information Systems and New Media at the Vienna University of Economics and Business. He received two diploma degrees in Information Systems (Dipl.-Wirt.Inform.) from the University of Essen (Germany) in 1998 and 1999 respectively, and a doctoral degree in Information Systems (Dr.rer.soc.oec.) from the Vienna University of Economics and BA (Austria) in 2003. In 2008, Mark received his Habilitation degree (venia docendi). He participated in national and international research projects and worked as a software developer in several German software companies. His research interests include policy-based system management, policy engineering (e.g. role engineering), distributed systems, services computing, model-driven development, language engineering, and the modeling and management of dynamic software systems.

Confirm your participation before 10 February 2009:

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