

SecServ - Access Control for Adaptive Process Management

Description

Driven by competitive pressures companies are increasingly interested in process-aware information systems. However, traditional process management systems (PMS) have not succeeded on the marketplace due to their limited flexibility. Recently, flexible systems like FLOWER (Pallas Athena, The Netherlands) are gaining interest and first adaptive PMS for production workflows have emerged on the market. This newly gained runtime flexibility, however, imposes challenging security issues as the PMS thus becomes more vulnerable to misuse. For the long term success of adaptive PMS security issues must be better understood and consequently addressed in an adequate way. Respective security mechanisms will thus be critical for the acceptance of adaptive PMS. Overall goal of the SecServ project is to systematically elaborate the requirements for access control (AC) in adaptive PMS, to develop a sophisticated AC model and to implement a platform-independent proof-of-concept prototype (SecServ).

Duration

2007 – 2008 **Funding**

Nachwuchsförderung Leopold Franzens Universität Innsbruck

Partners

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SecServ

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