



TECHNISCHE
UNIVERSITÄT
WIEN
VIENNA
UNIVERSITY OF
TECHNOLOGY

Institut für Softwaretechnik
und Interaktive Systeme



Das Wissenschaftlerinnenkolleg Internettechnologien lädt gemeinsam mit dem Fachbereich Informatik der TU Wien und der Österreichischen Computer Gesellschaft ein zum:

Tutorial

Web Services - Selected Aspects

Prof. Dr. Frank Leymann

Distinguished Engineer, IBM Deutschland

Wann: Mittwoch, 17. September 2003,
13:00 - 17:00

Wo: TU Wien, Neues Elektrotechnisches Institutsgebäude,
EI 9 Hlawka Hörsaal,
1040 Wien, Gußhausstraße 27-29, Stiege I, Erdgeschoß

Abstract

Web services based on the service-oriented architecture framework provide a suitable technical foundation for making business processes accessible within enterprises and across enterprises. Basically, web services technology is all about distributed computing. There is no fundamentally new basic concept behind this and related technologies. What is really new is the reach of Web services and its ubiquitous support by literally all major vendors. Chances are high that heterogeneity will at the end no longer be a major obstruction for distributed applications. This will have impact on application architectures, middleware, as well as the way in which people will think about computing and businesses will use computing resources. In this tutorial, we sketch relevant standards and standard proposals from this area as well as related middleware aspects.

Content

- What are Web services at all?
- Accessing Web services
- Describing Web services
- Finding Web services
- Security aspects
- Dynamic and Web services
- Business Processes

Bio

Prof. Dr. Frank Leymann is an IBM Distinguished Engineer and a member of the IBM Academy of Technology. He studied Mathematics, Physics and Astronomy at University of Bochum (Germany) and received a M.Sc. (Dipl.math.) in 1982 and a Ph.D. (Dr.rer.nat.) in 1984, both from University of Bochum. In 1999 he has been appointed Professor of Computer Science from University of Stuttgart, Germany.

When joining IBM in 1984 he started as a system programmer and database programmer. Next, he was responsible for building a universal relation system. After that, Frank became the architect in charge for a hybrid object database system. He was a member of the team working on the architecture and design of the IBM repository efforts, and he was the originator of a multitude of IBM tools from the area of application development and database design. Frank worked out the architecture and the metamodel for workflow systems that became the base for IBM's production workflow products. He is the chief architect for IBM's flow technology setting IBM's technical direction in this area. Frank is a member of the IBM Software Group Architecture Board that is in charge of the technical strategy of IBM's middleware. Furthermore, he is Software Group's Lead Architect for On Demand and Grid computing. Finally, since the advent of Web service technology he is very active in this area working on corresponding middleware aspects, its usage for application construction, standardization efforts, and is co-leader of IBM's Web Services Architecture team.

Kontaktperson an der TU Wien

Dr. Beate List

list@wit.tuwien.ac.at

Tel.: 58801-18830

Unterstützung

WIT wird gefördert aus Mitteln des Europäischen Sozialfonds und aus Mitteln des Bundesministeriums für Bildung, Wissenschaft und Kultur.

Die Finanzierung dieser Veranstaltung erfolgt durch die freundliche Unterstützung von CSC Austria und IBM Deutschland.

Anmeldung

Wir bitten um Anmeldung unter <http://wit.tuwien.ac.at/events> oder per E-Mail an office@wit.tuwien.ac.at.

Hinweis

Vortrag in deutscher Sprache; Teilnahme kostenlos!