



Seminar Anwendungsorientierte Middleware (SAM'03)

Themenüberblick



Winfried Lamersdorf, Christian Zirpins
SAM'03 - Themen

Seminar - Termine

- Montag, 7.4., und Montag, 14.4. 2003, jeweils 10:00 c.t.
 - Einführung, Themenvergabe und –besprechung, Literatur
- Montag 28.4. 2003, 10:00-16:00
 - **Block1: E-Services: Aspekte und Konzepte**
- Montag 26.5. 2003, 10:00-16:00
 - **Block2: Interaktionsprozesse im B2B**
- Montag 30.6. 2003, 10:00-16:00
 - **Block3: Interorganisationale Workflows**
- Sondertermin: FRESCO Projekt (n.V.)
 - Kompositionsunterstützung für elektronische Dienstmärkte



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Block 1: E-Service Aspekte & Konzepte

- Vortrag 1 (10:15-11:15)
 - **B2Bi im Überblick**
 - (Denis Rathig)
- Vortrag 2 (11:30-12:30)
 - **E-Services mit der Web Service Architektur**
 - (Stefan Kürten)
- Vortrag 3 (13:30-14:30)
 - **Nichtfunktionale Aspekte von E-Services**
 - (Sonja Zaplata)
- Vortrag 4 (14:45-15:45)
 - **Servicekomposition mit eFlow**
 - (Savas Cetin)



Block 2: Interaktionsprozesse im B2B

- Vortrag 1 (10:15-11:45)
 - **B2Bi am Beispiel von Rosettanet**
 - (Marcus Heinzl)
- Vortrag 2 (12:15-13:45)
 - **B2Bi Protokolle: Prozesse zwischen Unternehmen**
 - (Florian Plähn, Sebastian Michaelis)
- Vortrag 3 (14:15-15:45)
 - **Assoziation geschäftsinterner Prozesse mit B2Bi Protokollen**
 - (Rene Grohmann, Alexander Sack)



Block 3: Interorganisationale Workflows

- Vortrag 1 (10:15-11:15)
 - **WFMS und das WfMC Referenzmodell**
 - (Benjamin Kirchheim)
- Vortrag 2 (11:30-12:30)
 - **Workflow Sprachen auf XML-Basis**
 - (Heiko Adam)
- Vortrag 3 (13:30-14:30)
 - **Architekturen für kollaboratives Processmanagement**
 - (Falko Nuppau)
- Vortrag 4 (14:45-15:45)
 - **CrossFlow**
 - (Frank Norbert)



Literaturauswahl zu den einzelnen Themen/Blöcken



1.1 B2Bi im Überblick

- B. Medjahed, B. Benatallah, A. Bouguettaya, A. H. H. Ngu, and A. K. Elmagarmid, "Business-to-business interactions: issues and enabling technologies," *The VLDB Journal*, (Springer, Online First, April 3, 2003), 2003.
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1.2 E-Services mit der Web Service Architektur

- A. Tsalgatidou and T. Pilioura, "An overview of standards and related technology in Web Services," *Distributed and Parallel Databases*, vol. 12, pp. 135-62, 2002.
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- Curbera, "Web Services: Why and How," in *Proc. OOWS'01: IBM*, 2001.



1.3 Nichtfunktionale Aspekte von E-Services

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- F. Casati, S. Ilnicki, Li Jie Jin, V. Krishnamoorthy, and Ming Chien Shan, "eFlow: a platform for developing and managing composite e-services," in *Proceedings Academia/Industry Working Conference on Research Challenges '00. Next Generation Enterprises: Virtual Organizations and Mobile/Pervasive Technologies. AIWORC'00. Cat. No.PR00628*, 2000: IEEE Comput. Soc, Los Alamitos, CA, USA, 2000, pp. 341-8.
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- F. Casati, M. Sayal, and Ming Chien Shan, "Developing e-services for composing e-services," in *Advanced Information Systems Engineering. 13th International Conference, CAiSE 2001. Proceedings Lecture Notes in Computer Science Vol.2068*, 2001, K. R. Dittrich, A. Geppert, and M. C. Norrie, Eds.: Springer Verlag, Berlin, Germany, 2001, pp. 171-86.
- F. Casati and Ming Chien Shan, "Event-based interaction management for composite e-services in eFlow," *Information Systems Frontiers*, vol. 4, pp. 19-31, 2002.



2.1 B2Bi am Beispiel von Rosettanet

- RosettaNet, "RosettaNet Home," <http://www.rosettanet.org/>, 26.1.2002
- M. Sundaram and S. S. Y. Shim, "Infrastructure for B2B exchanges with RosettaNet," in *Proceedings Third International Workshop on Advanced Issues of E Commerce and Web Based Information Systems. WECWIS 2001. 2001*: IEEE Comput. Soc, Los Alamitos, CA, USA, 2001, pp. 110-19.



2.2 B2Bi Protokolle: Prozesse zwischen Unternehmen

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- C. Bussler, "Behavior abstraction in semantic B2B integration," in *Conceptual Modeling for New Information Systems Technologies. ER 2001 Workshops. HUMACS, DASWIS, ECOMO, and DAMA. Revised Papers Lecture Notes in Computer Science Vol.2465. 2002*, H. Arisawa, Y. Kambayashi, V. Kumar, H. C. Mayr, and I. Hunt, Eds.: Springer Verlag, Berlin, Germany, 2002, pp. 377-89.
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- C. Bussler, "Semantic B2B integration server technology as infrastructure for electronic hubs," in *12th International Workshop on Database and Expert Systems Applications. 2001*, A. M. Tjoa and R. R. Wagner, Eds.: IEEE Comput. Soc, Los Alamitos, CA, USA, 2001, pp. 14-18.
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2.3 Assoziation geschäftsinterner Prozesse mit B2Bi Protokollen

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3.1 WFMS und das WfMC Referenzmodell

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3.3 Architekturen für kollaboratives Processmanagement

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3.4 Beispiel: CrossFlow Projekt

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- P. Grefen, K. Aberer, Y. Hoffner, and H. Ludwig, "CrossFlow: cross-organizational workflow management in dynamic virtual enterprises," *Computer Systems Science and Engineering*, vol. 15, pp. 277-90, 2000.

