Paolo Ciancarini, Stefan Conrad, Wilhelm Hasselbring (editors):

Systems Integration

Dagstuhl-Seminar-Report; 234
14.03.1999 - 19.03.1999 (99111)
Contents

1 Program 1

2 Abstracts of the Talks 5

Karl Aberer  
XML Broker .......................... 5

Karl Aberer  
Extensible Databases as Middleware for Flexible Information Management .................. 5

Paolo Ciancarini  
Integrating XML with Java for Active Documents .......... 6

Stelvio Cimato  
A Methodology for the Specification of Java Components and Architectures .................. 7

Wolfgang Emmerich & Anthony Finkelstein  
XML and Related Technologies: Overview and Research Directions .......................... 7

Lukas Faulstich  
Integration of Semi-Structured Information Sources with HyperView .......................... 8

Michael Goedicke  
Integration through ViewPoints .......................... 8

Wilhelm Hasselbring  
On the Process of Systems Integration ................................ 9

Jean-Marie Jacquet  
The Expressiveness of Coordination Models .......................... 10

Silvia Kolmschlag, Gregor Engels  
Schema Evolution in Federated Database Systems .......................... 10

Arne Koschel  
Configurable Event-triggered Services for CORBA-based, Heterogeneous, Distributed Information Systems .......................... 11

Ralf Kramer  
Metadata: A Key Issue for Systems Integration .......................... 12

Bernd Krämer  
Enhancing CORBA Object Interfaces .......................... 12

Ralf-Detlef Kutsche  
Integration Plattforms for Distributed Information Systems .......................... 13
Ulf Leser
Query Mediation in Federated Information Systems .................................. 15

Henrik Loeser
iWebDB — An Integrated Web Content Management System ........................... 15

Klaus-Peter Löhr
Towards Accommodation of Heterogeneity in Software Architectures .......................... 16

Felix Naumann
Quality-driven Integration of Heterogeneous Information Systems .......................... 16

Günter Preuner
Integration of Object Life-Cycles in Object-Oriented Design .............................. 17

Mark Roantree
The OASIS Architecture: Legacy System Migration and Federated Schema Construction ................................................................. 18

Ingo Schmitt
Schema Integration for the Design of a Federated Database System ........................ 18

Martin Schönhoff
Global Version Management in a Federated Design Environment .......................... 19

Myra Spiliopoulou
Data Mining for Service Integration .................................................................. 19

Robert Tolksdorf
A Coordination Architecture for Workflows ....................................................... 20

Alfred Winter
Experiences with Current Methods of Integrating Hospital Information Systems ................................. 21

3 Working Groups: Issues and Results ................................................................. 23

Myra Spiliopoulou
Working Group I:
Applications & Processes .............................................................................. 23

Mark Roantree, Karl Aberer
Working Group II:
XML and Canonical Data Models .................................................................. 24

Klaus-Peter Löhr
Working Group III:
Software Architectures & Coordination ......................................................... 26

4 List of Participants .......................................................................................... 29