

Table of Contents

SDL

CoSDL – An Experimental Language for Collaboration Specification	1
<i>Frank Röbler, Birgit Geppert, Reinhard Gotzheim</i>	
URN: Towards a New Standard for the Visual Description of Requirements	21
<i>Daniel Amyot, Gunter Mussbacher</i>	
Expression of Time and Duration Constraints in SDL	38
<i>Susanne Graf</i>	
SDL Time Extensions from a Semantic Point of View	53
<i>Andreas Prinz</i>	
Micro Protocol Design: The SNMP Case Study	61
<i>Reinhard Gotzheim, Ferhat Khendek, Philipp Schaible</i>	
Implementation of UMTS Protocol Layers for the Radio Access Interface	74
<i>Javier Colás, J.M. Pérez, Javier Poncela, J.T. Entrambasaguas</i>	
Object-Oriented Specification of Protocols for Reusability	90
<i>Andreas Prinz, Mario Schwarz</i>	
Rapid Development of Network Software via SDL/Socket Interfaces	103
<i>Tae-Hyong Kim, Robert L. Probert, Igor Sales, Alan Williams</i>	
Understanding Existing Software with Use Case Map Scenarios	124
<i>Daniel Amyot, Nikolai Mansurov, Gunter Mussbacher</i>	
Techniques for Abstracting SDL Specifications	141
<i>Sergiy Boroday, Roland Groz, Alex Petrenko, Yves-Marie Quemener</i>	
Model-Based Generation of SDL Specifications for the Early Prototyping of Reactive Systems	158
<i>Andreas Metzger, Stefan Queins</i>	

MSC and TTCN

Automatic Generation of Conformance Tests from Message Sequence Charts	170
<i>Paul Baker, Paul Bristow, Clive Jervis, David King, Bill Mitchell</i>	

MSC Connectors – The Philosopher’s Stone 199
 Peter Graubmann, Ekkart Rudolph

An Extension for MSC-2000 and Its Application 221
 Tong Zheng, Ferhat Khendek

The Graphical Format of TTCN-3 in the Context of MSC and UML 233
 Ina Schieferdecker, Jens Grabowski

Author Index 253

Telecommunications and beyond: The Broader
Applicability of SDL and MSC
Third International Workshop, SAM 2002, Aberystwyth,
UK, June 24-26, 2002. Revised Papers
Sherratt, E. (Ed.)
2003, IX, 256 p., Softcover
ISBN: 978-3-540-00877-4