Contents

Foreword .................................................. iii
Developing a Domain-Specific Plug-In for a Modelling Platform: The Good, the Bad, the Ugly
   Lionel Montrieux, Yijun Yu, and Michel Wermelinger — Open University, UK ................................. 1
ReFit: A Fit Test Maintenance Plug-In for the Eclipse Refactoring Plug-In
   Michael Druk and Martin Kropp — Sapiens Int., Israel; FHNW, Switzerland ........................................ 7
Challenges in Developing a Software Architecture Evolution Tool as a Plug-In
   Jeffrey M. Barnes and David Garlan — CMU, USA ................................................................. 13
Towards Accessible Integration and Deployment of Formal Tools and Techniques
   Andrei Lapets, Rick Skowrya, Azer Bestavros, and Assaf Kfoury — Boston University, USA ............ 19
Integrating S6 Code Search and Code Bubbles
   Steven P. Reiss — Brown University, USA ................................................................. 25
A CPI Breakdown Model Plug-In for Optimizing Application Performance
   Rodrigo Fraxino Araujo, Daniel Barboza, Rafael Sene, Rafael Teixeira, Renato João, and Wainer Santos Moschetta — IBM, Brazil ................................................................. 31
TerraME GIMS: An Eclipse Plug-In for Environmental Modeling
   Tiago Lima, Tiago Carneiro, Sergio Faria, Pablo Silva, and Miguel Pessoa — UFOP, Brazil; UFMG, Brazil .................. 37
A Visual Studio Plug-In for CProver
   Mohamed Nassim Seghir and Daniel Kroening — University of Oxford, UK ................................. 43
A Rigorous Methodology for Analyzing and Designing Plug-Ins
   Marieta V. Fasie, Anne E. Haathausen, and Joseph R. Kiniry — DTU, Denmark ................................. 49
Lightweight Tool Coordination: Path* - A Minimal Framework for Tool Coordination
   Reid D. McKenzie and Dewayne E. Perry — University of Texas at Austin, USA ................................. 51