

Model-based Development of Web Services

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Workshop on Specification and Design Methodology for Adaptive and Embedded Systems

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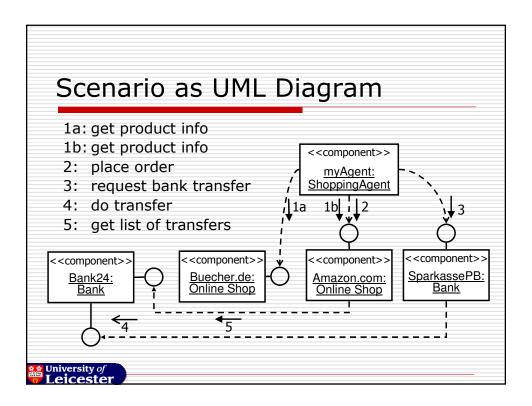
Application Scenario: Online Shopping with Max

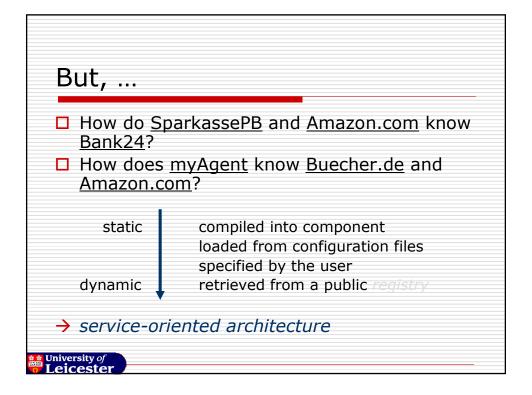


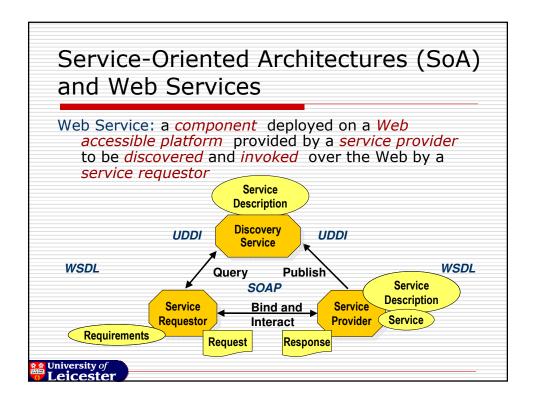
Max, seeking
"Harry Potter, The Order of the
Phoenix", employs Shopping Agent to

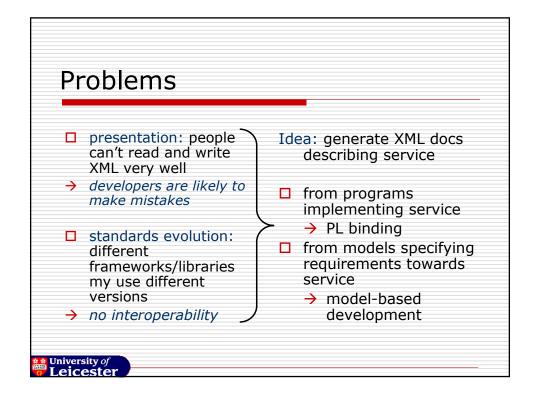
- look for the book
- obtain further product info (prize, availability, ...)
- choose the best offer
- order and pay (via bank transfer)

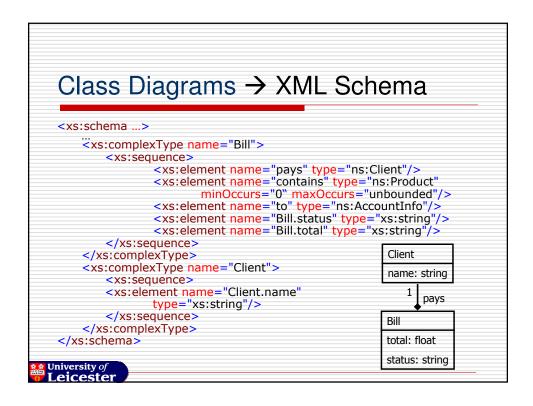


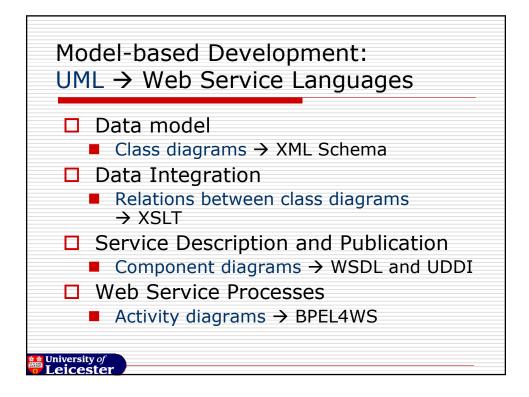


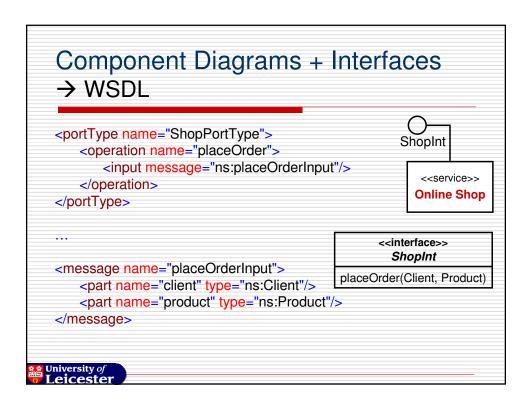


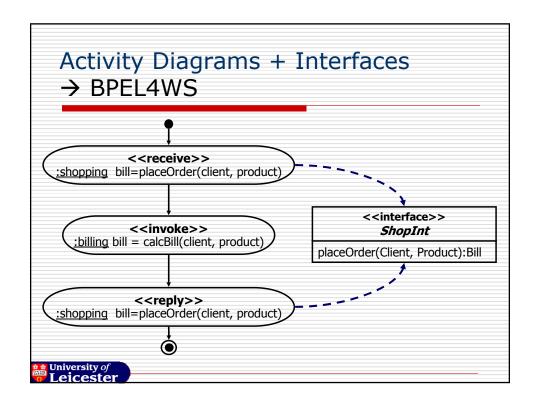


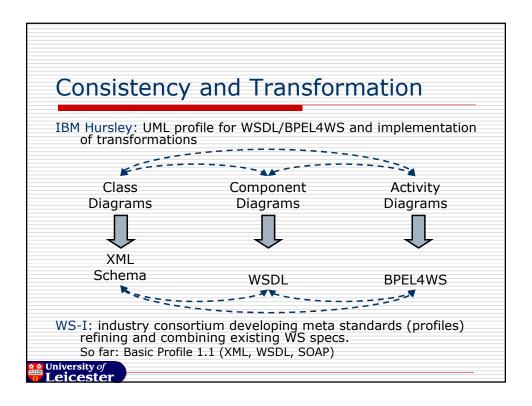














Service Specification and Matching based on Graph Transformation

With J.H. Hausmann and M. Lohmann. Model-based Discovery of Web services, Intl. Conference on Web Services 2004, San Diego

With A. Cherchago. A Formal Approach to Service Specification and Matching based on Conditional Graph Transformation, ICGT'04, Rome



