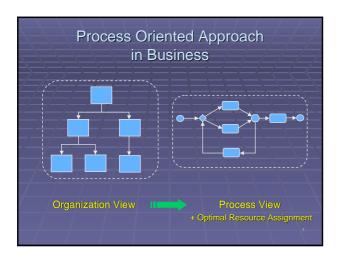
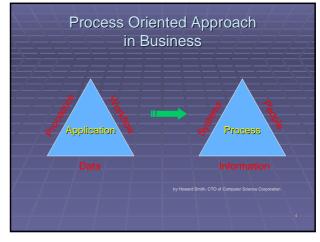
Title	Modeling and Verification of Workflows for e- Society
Author(s)	Hiraishi, Kunihiko
Citation	
Issue Date	2005-03-11
Туре	Presentation
Text version	publisher
URL	http://hdl.handle.net/10119/8270
Rights	
Description	JAIST 21世紀COEシンポジウム2005「検証進化可能電子社会」 = JAIST 21st Century COE Symposium 2005 "Verifiable and Evolvable e-Society", 開催: 2005年3月10日~11日, 開催場所:石川ハイテク交流センター, Technical session 1 <logic and="" verification=""></logic>

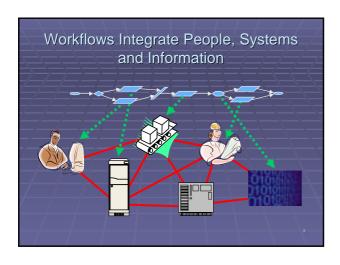




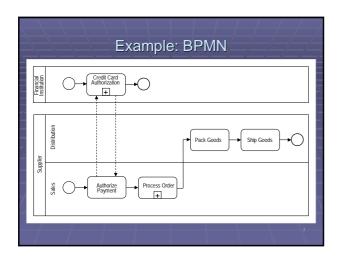


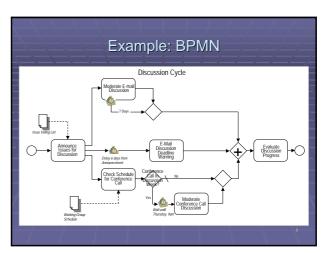


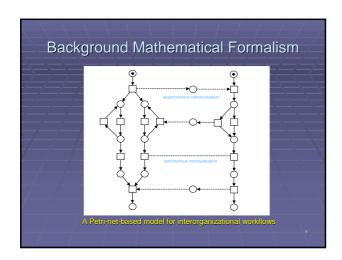


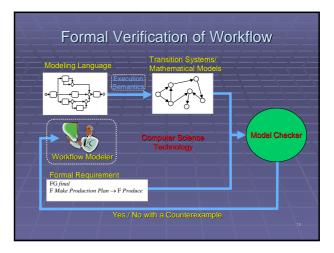


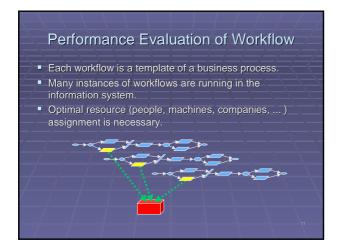
Business Process Modeling Languages IDEF (Integrated Definition Method) BPMI (Business Process Management Initiative) BPML (Business Process Modeling Language) BPMN (Business Process Modeling Notation) BPQL (Business Process Query Language) WfMC (Workflow Management Coalition) Wf-XML BOUND BUSINESS XML) UML (Unified Modeling Language) Activity Diagram ...

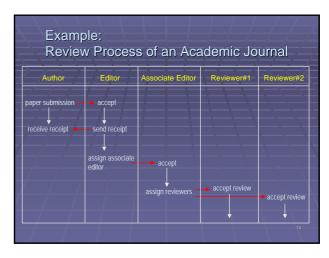




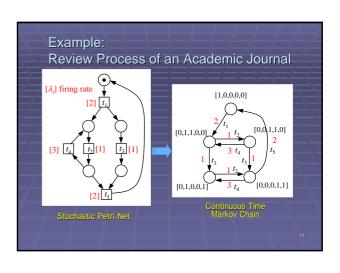


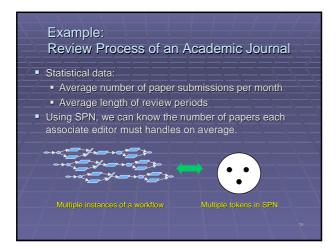


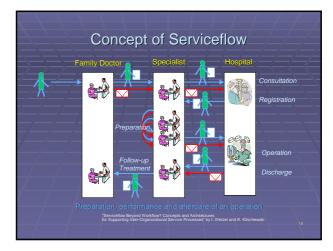


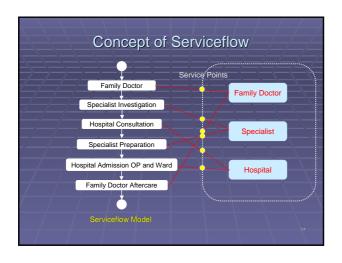


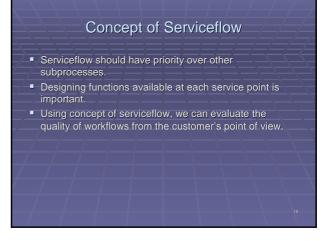
Example: Review Process of an Academic Journal Given: Workflow Statistical data on paper submission Upper bound of the number of papers each associate editor can handle Find: Optimal number of associate editors in each research fields Method: Stochastic Petri net











Summary

- Process oriented approach in business
- Business process modeling languages
- Background mathematical formalism
- Formal verification of workflow
- Performance evaluation of workflow
- Concept of serviceflow