

Process' is the magic word:

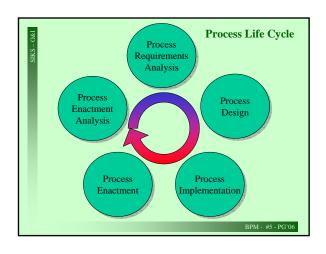
Tight linking of business functions (e.g. for ondemand business)

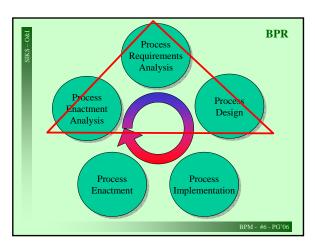
Required end-to-end (order to delivery) business optimization

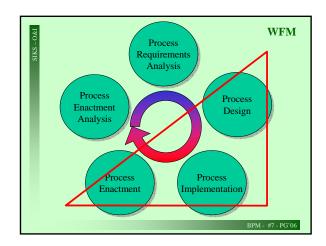
Within individual organizations, but increasingly across organizations

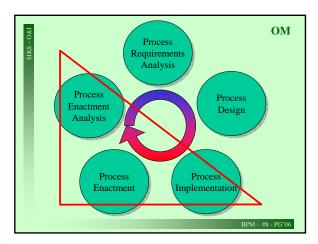
From function-oriented business to processoriented business

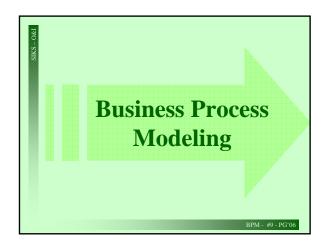
Complexity requires automated support

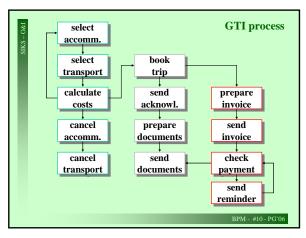


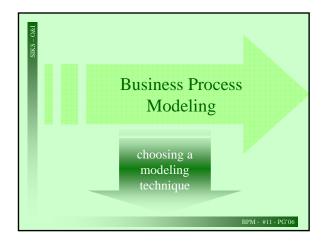


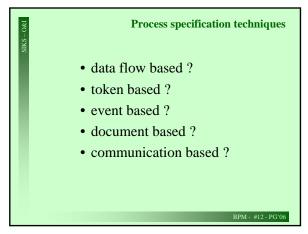


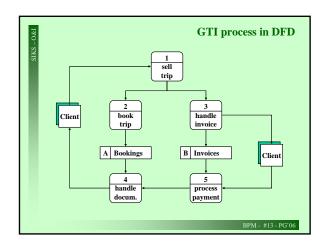


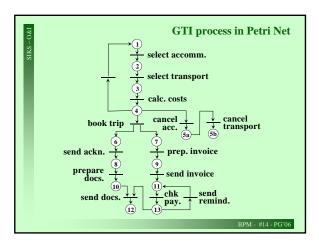


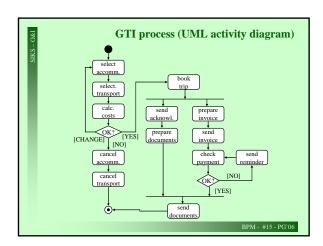


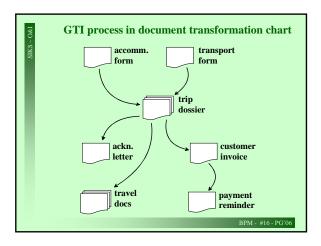


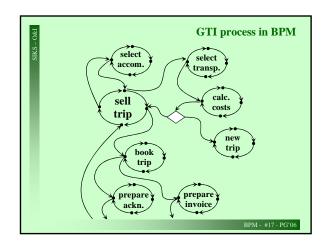


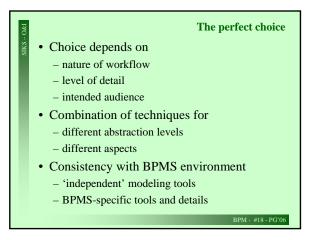






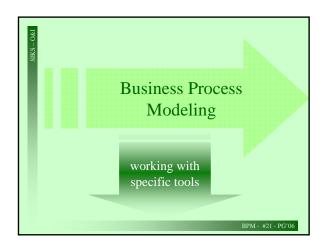


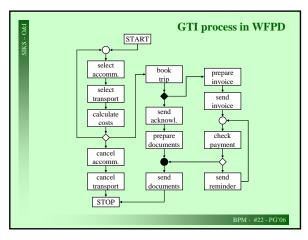


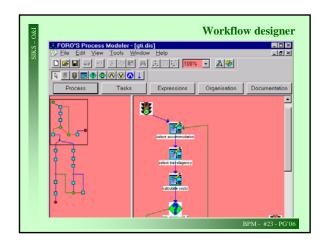


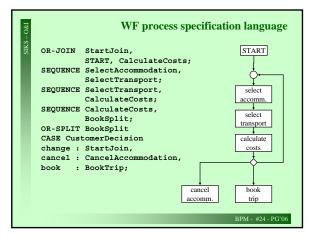
	Thinking of Mintzber				
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Simple structure					
Adhocracy					
Machine bureaucracy					
Professional bureaucracy					
Division structure					

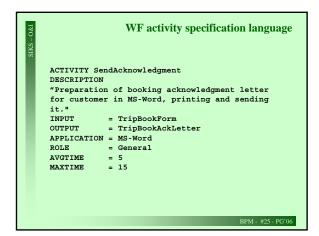


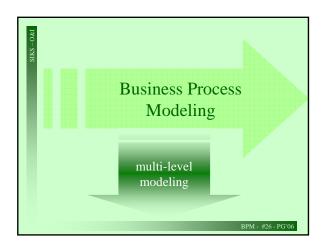


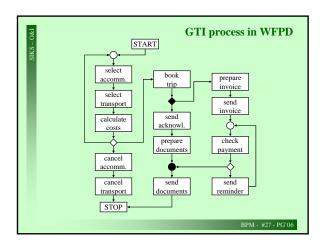


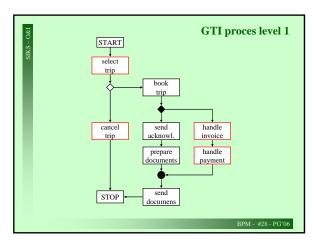


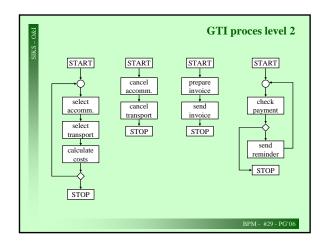


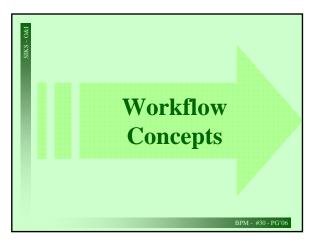


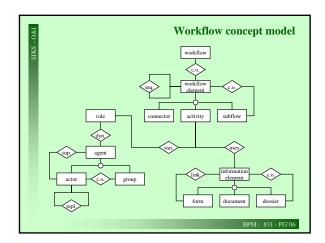


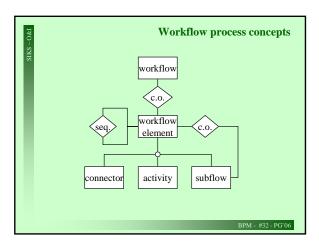


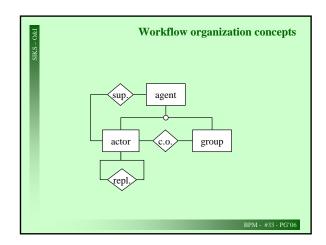


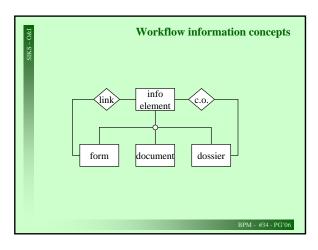


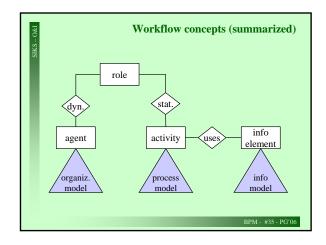


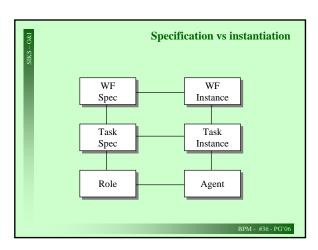


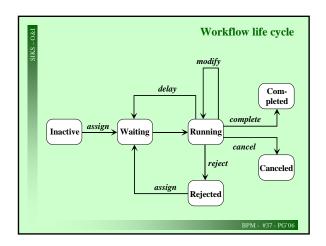






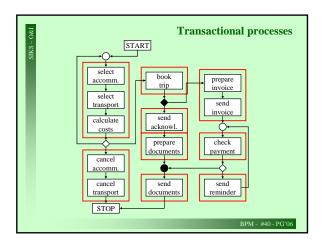


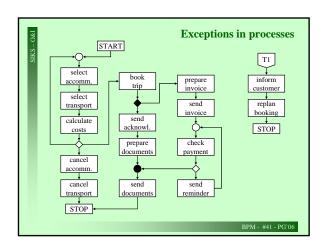


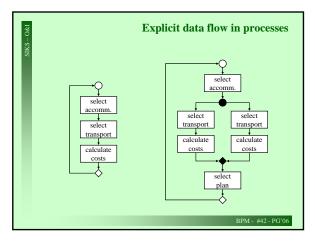


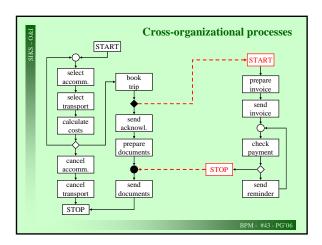


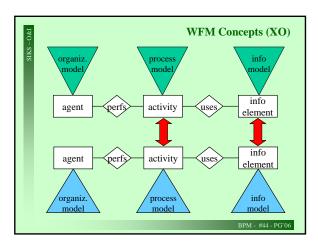
• Transactional processes
• Exceptions in processes
• Explicit data flow in processes
• Cross-organizational processes





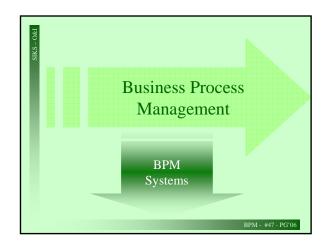


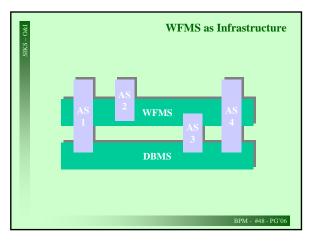


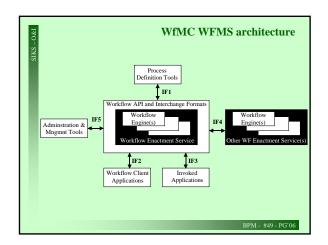


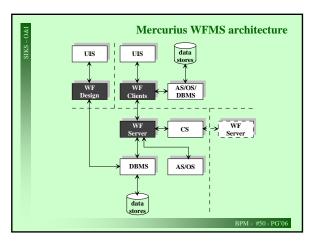




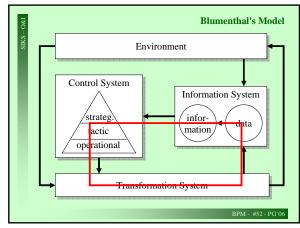


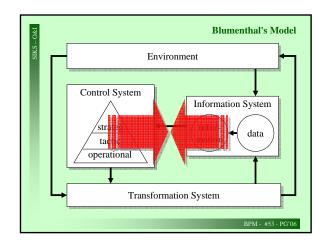


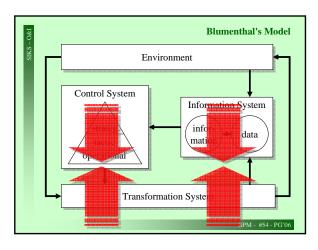


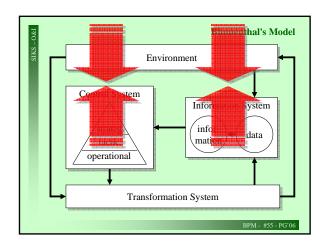


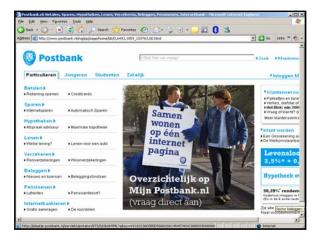




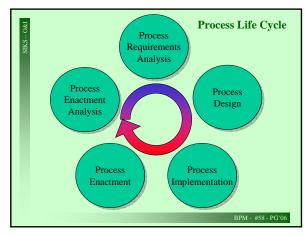


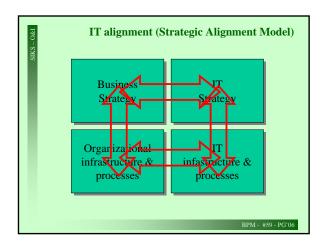


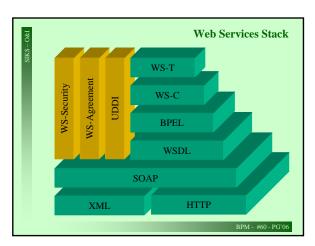




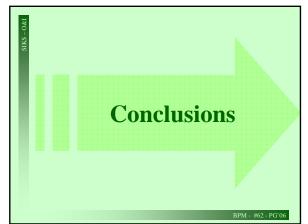












## **Business process modeling**

- Many approaches to process modeling
- Practice often based on (informal) petri net variants but quite some confusion
- Integration required of organization, information, and process model
- Multi-level and/or multi-aspect modeling required for complex applications
- Advanced aspects required for complex applications (but adopted by practice ?)

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## **Business process enactment**

- Workflow management integrates aspects of classical control cycle
- Workflow management not yet as generally accepted as database management
- Standardization lags behind
- Choice between structured (WFMS), semistructured (CHS) and unstructured (GW)
- Heavily influenced by emerging Web standards (e.g. BPEL)

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