

# PROCESS MANAGEMENT

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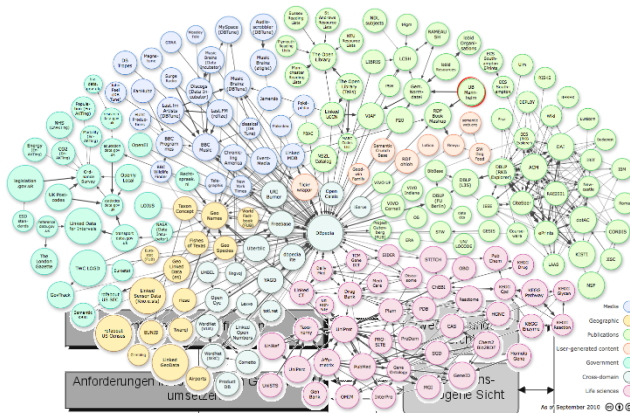


- Process managers are hired by companies that wish to design, maintain, change, and improve interdependent business processes
- Process Management tasks include
  - documenting business processes
  - formalising business processes
  - analysing business processes
  - improving business processes
  - implementing business processes
  - and: managing the former tasks!

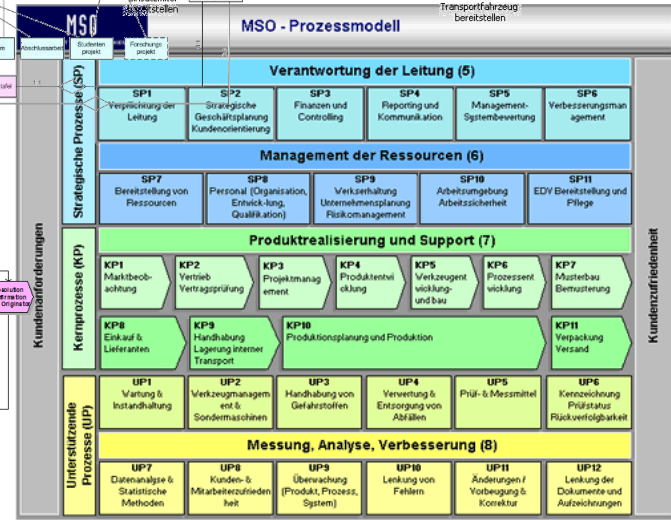
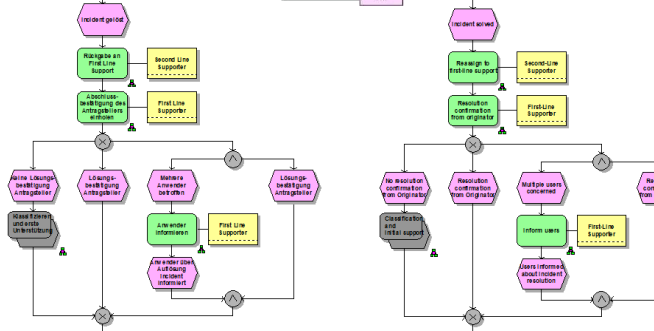
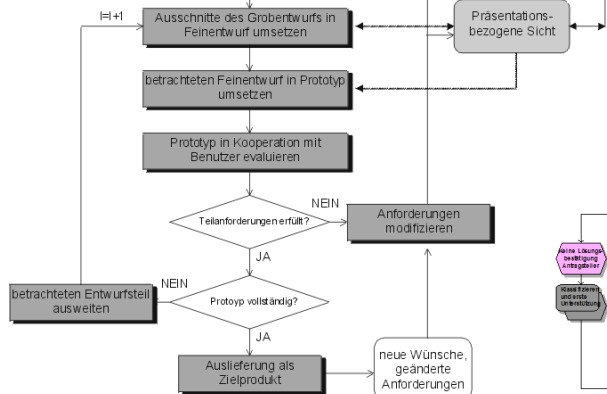
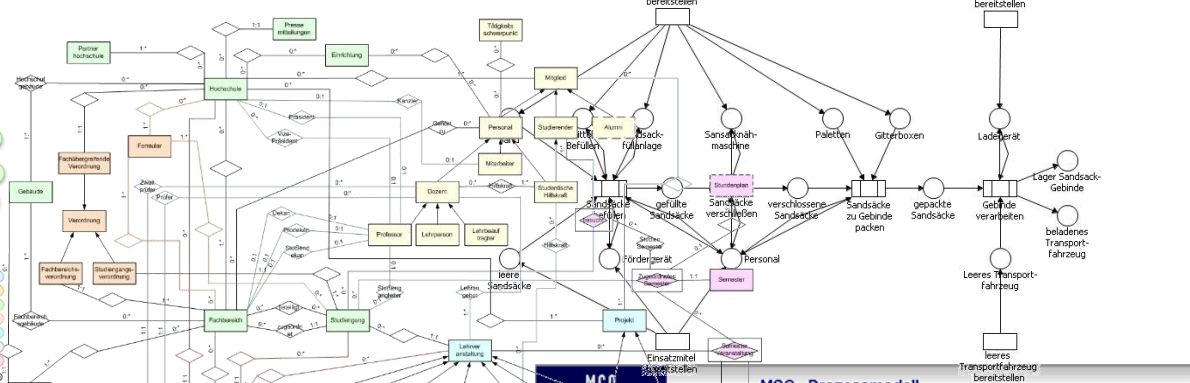


# BASICS FOR THIS TRACK

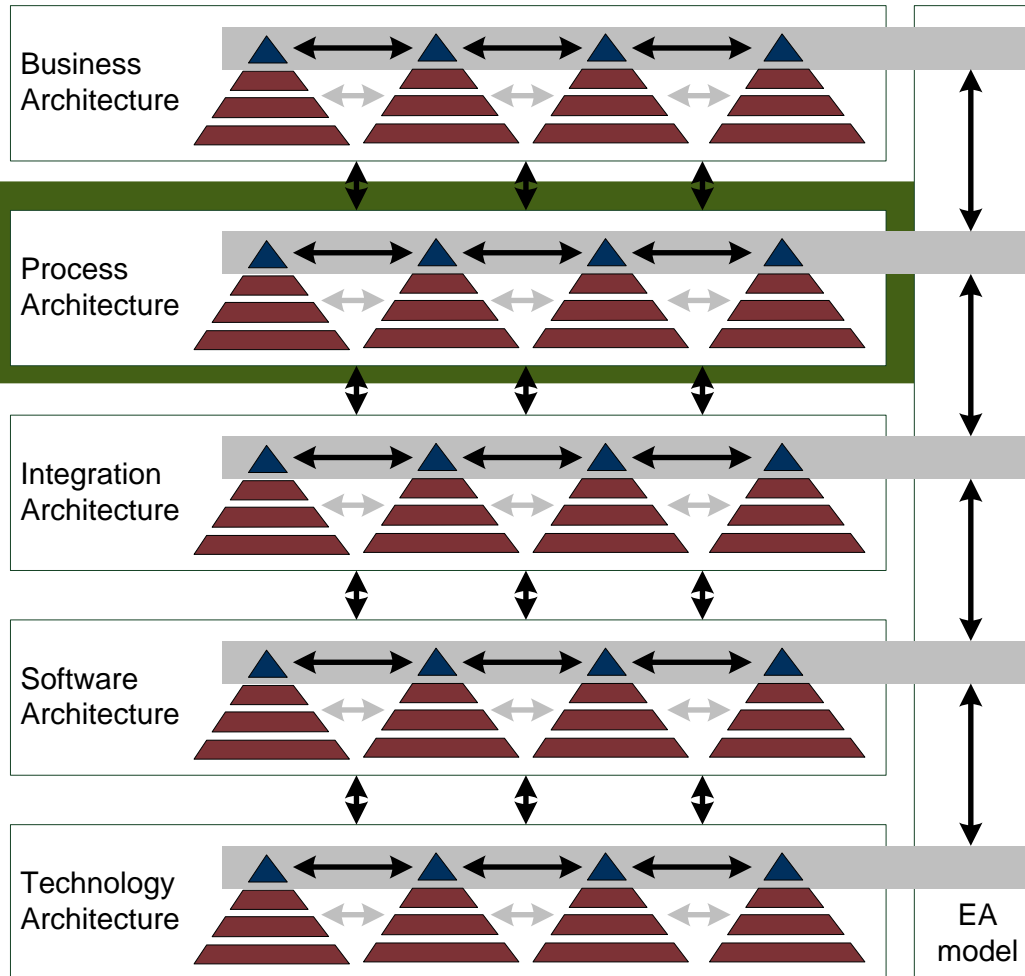
## CONCEPTUAL MODELS!



CMS - DATENMODELL - WEB AUFTRITT DER FHA



# ASPECTS TO BE MANAGED



[Winter, Fischer 2006]

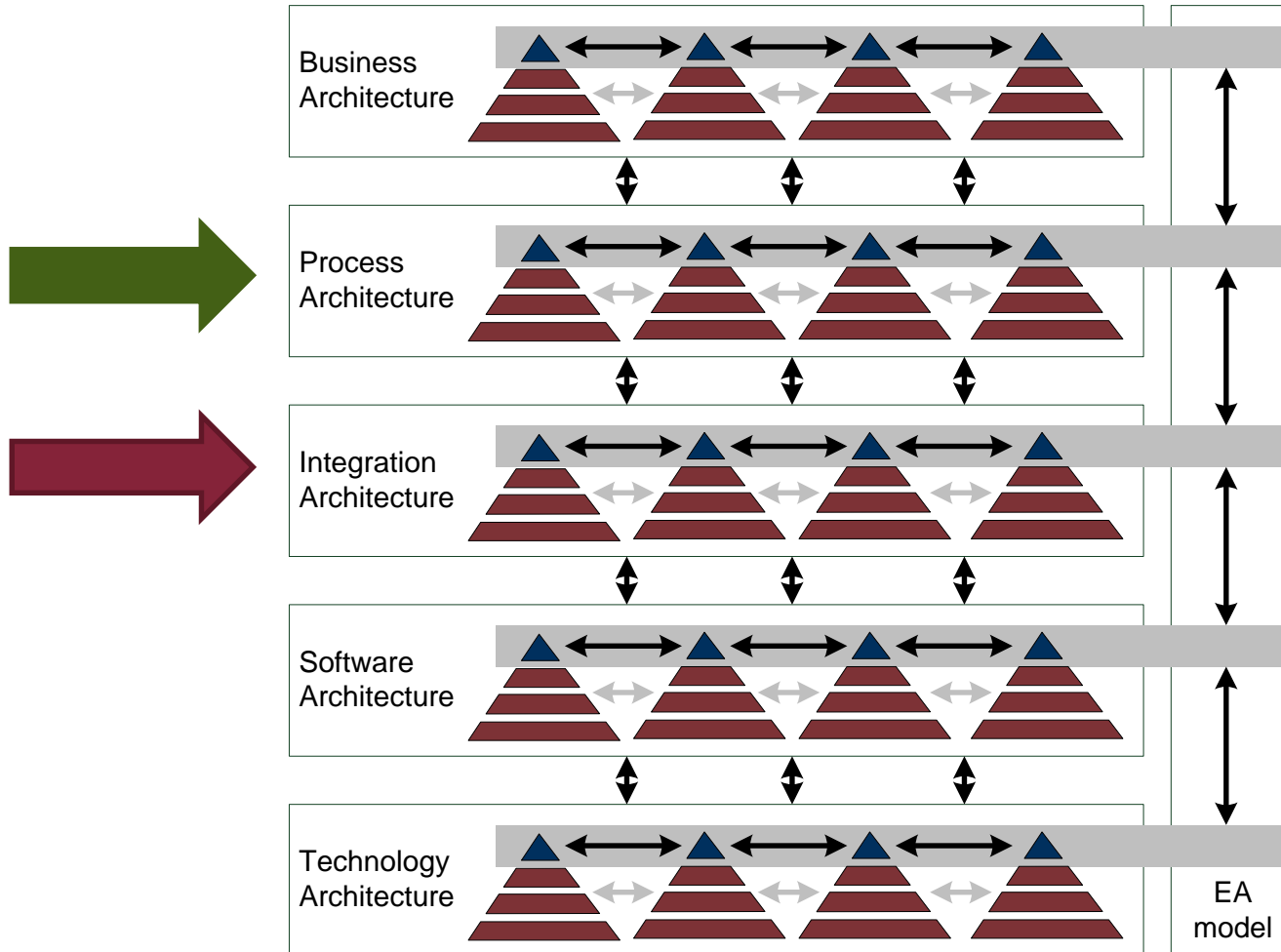
# INFORMATION MODELLING

PD DR. DELFMANN (WINTER TERM)



- Advanced understanding of conceptual modeling, conceptual modeling languages and conceptual model analysis
- Learning goals:
  - Know how to design and apply modeling languages and tools of different kinds
  - Know how to really exploit the benefits of conceptual modeling through automation of model analysis
  - Know how to apply innovative techniques of conceptual modeling to different business domains

# FOCUS OF INFORMATION MODELLING



[Winter, Fischer 2006]

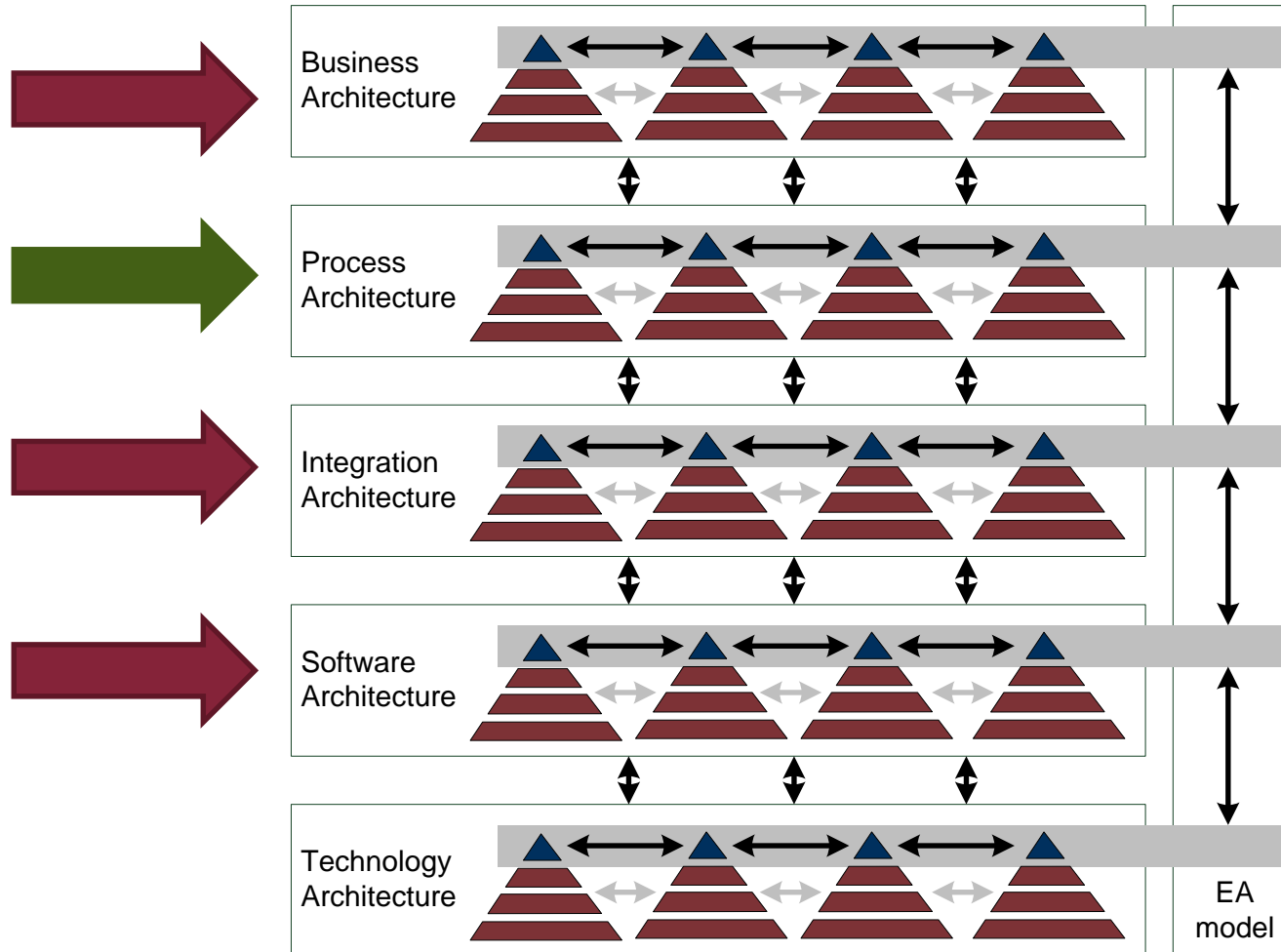
# WORKFLOW MANAGEMENT

PD DR. DELFMANN, DR. FLEISCHER (SUMMER TERM)



- Topic: analyse, model, improve, and implement business processes
- Learning goals:
  - Understand the difference between business processes and workflows
  - Be able to model “real-world” business processes
  - Be able to transform business process models into workflow models
  - Be able to implement workflow management systems
  - Understand special aspects of workflow management and latest research results

# FOCUS OF WORKFLOW MANAGEMENT



[Winter, Fischer 2006]



# ENTERPRISE ARCHITECTURE MANAGEMENT

## CONTENT



### Building Blocks (the course will ...)



Present...

- Introduce the idea of EAM and basic concepts
- Present current developments, methods and frameworks in the domain of architecture development
- Introduce a concrete architecture realization process by
  - studying The Open Group Architecture Framework (TOGAF)
  - and its Architecture Development Method (ADM)

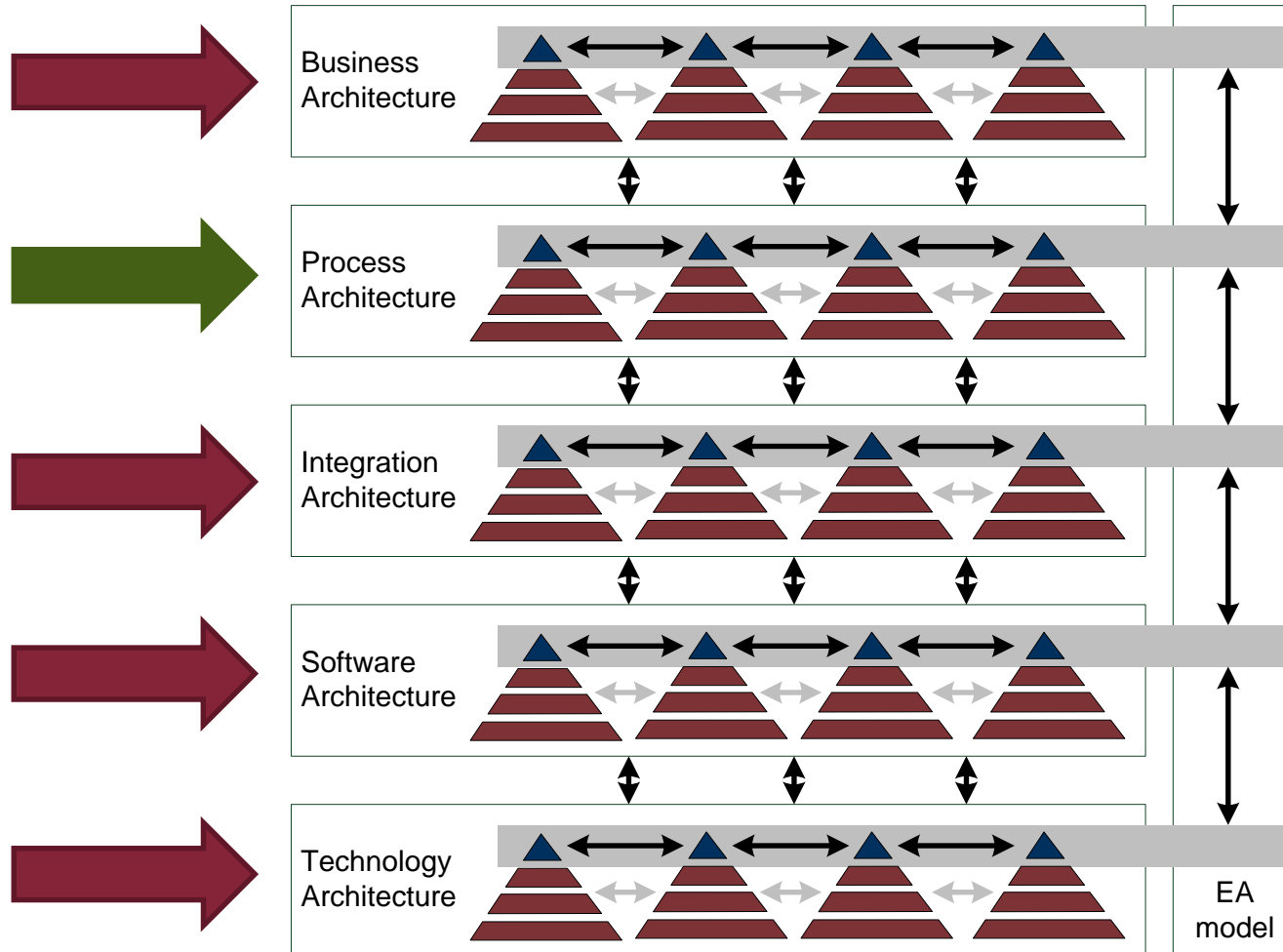


Convey...

- Practical skills in Enterprise Architecture modelling by introducing the modelling language “Archimate“ in a tutorial.
- Practical experience in architecture development and presentation by work on an integrated realistic case study
- Real life insights by guest lectures from practitioners (industry, science & consulting), illustrating the reality of EA design and implementation in business



# FOCUS OF ENTERPRISE ARCHITECTURE MANAGEMENT



[Winter, Fischer 2006]

# PROCESS MANAGEMENT



THE **IS** RESEARCH NETWORK

[www.ercis.org](http://www.ercis.org)