Model Driven Architectures for Enterprise Information Systems

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The ISA definition is based on

- Business objects owners and users
- Legacy and acquired systems and their integration through an Enterprise Application Integration (EAI) perspective
- The kind of technology required
 - execution of business processes
 - standardisation procedures
- The ICT available and required in the enterprise
- Business processes execution dependencies
- inputs/outputs, support, and workflow coordination
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• Software Engineering and Database concepts and techniques for obtaining

- the logical data model expressed according to the object oriented paradigm
- the object implementation model

Validation of the Data Model against BP model

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About the EKD-CMM Maps A map expresses enterprise modelling intentions (busines owners, business modellers, systems developers) It is a navigational structure Supports the dynamic selection of the intention to be achieved net and the appropriate strategy to achieve it It has guidelines that help in the selection of intentions and strategies It is sensitive to specific situations that may arise during the modelling process















Conclusions and Future Work The framework contributes to define accurate decision making processes inside modern organisations *highly dependent of ICT*It reinforces the ability of companies to adopt a policy of knowledge management Our <u>future work</u> will consist to integrate in the framework the ability to handle the **BP and IS layers** issues that are more vulnerable to change

