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An Open Framework for Integrated Qualification Management Portals

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Overview

- Integrated Qualification Management Portals
- Motivation
- System Authoring Approach
- Framework Architecture
- A Simple Example
- Future Work

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Integrated Qualification Management Portals (1) - Qualification Management knowledge supply chain

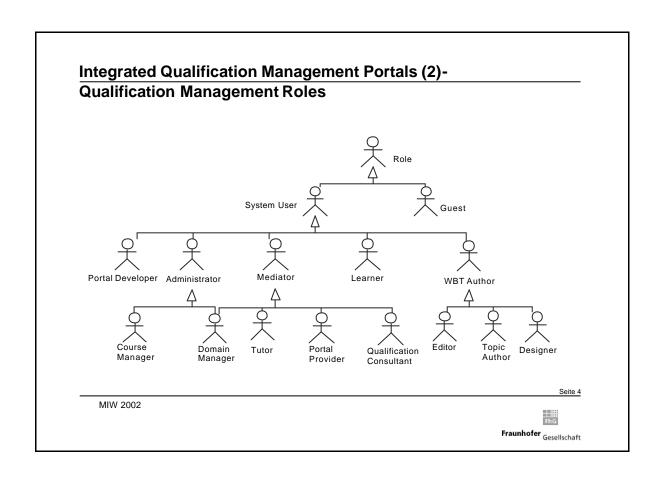
Qualification Management (QM) depends on the entire knowledge supply chain including

- provision and management of focused, high-quality training material,
- qualification goal planning,
- skill-aware selection of learning content, and
- effective step-by-step learning support.

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Integrated Qualification Management Portals (3)-Integration Synergies

Integrated QM support fosters the following integration synergies

- Communication: Coexistence of all roles in one context introduces new opportunities for inter-role communication;
- Semantic Level: Sharing of a QM core model and a common knowledge infrastructure contributes to a common domain view for all involved partners;
- Service Level: Sharing of service infrastructure lowers boundaries between roles:
- Content Level: Common use of course authoring support offered by the integrated system improves homogeneity and consistency of the course material;

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Motivation

Challenges

- Multi-role support in QM process
- Adaptation to QM support in different contexts
- Involvement of special users like portal providers into the system design and evolution process
- Evolution requirements



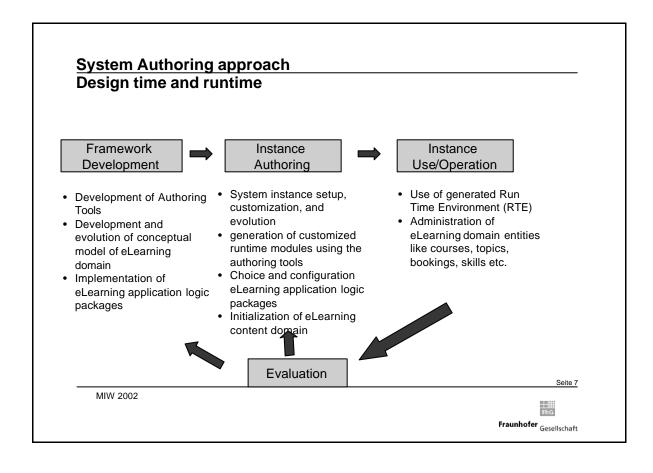
Approach:

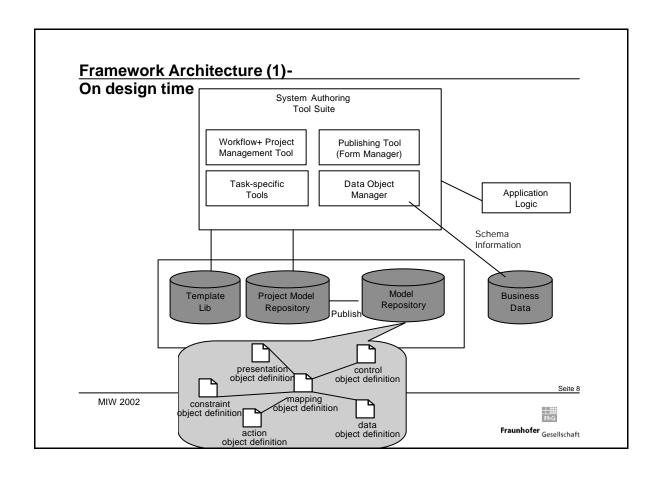
- Flexible, adaptable framework
- User empowerment

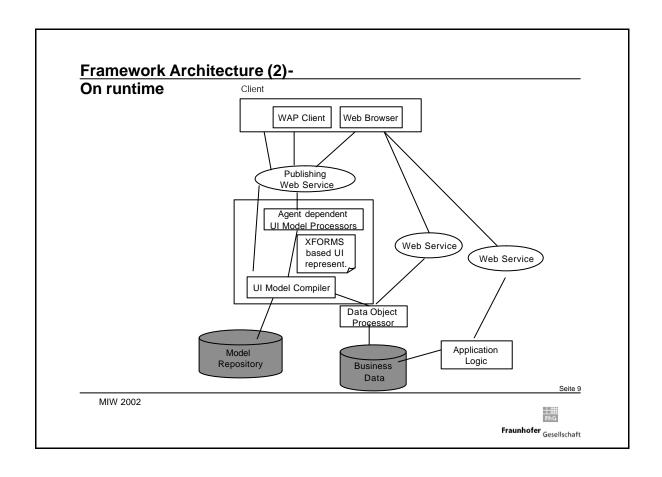
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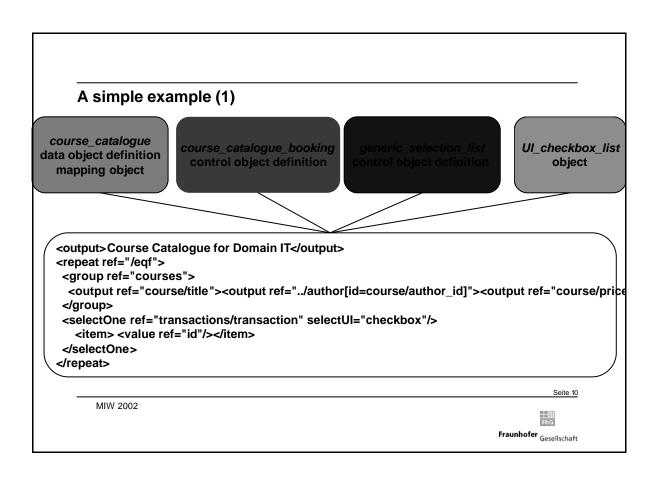
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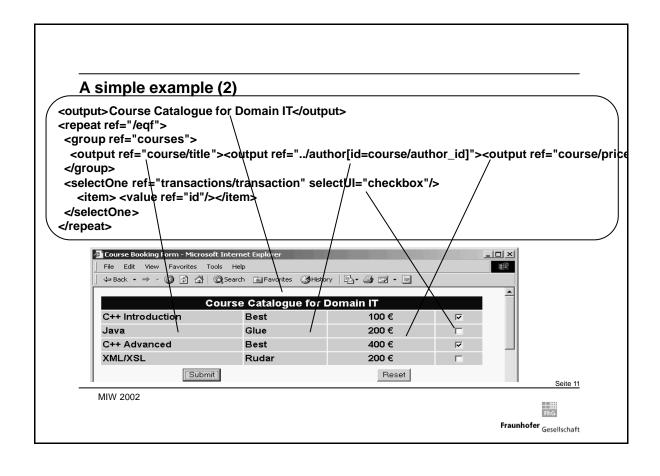
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Future Work

- Integration of other mapping types: mapping to intermediate business/eLearning objects, mapping to task-specific packages;
- Improvement of the usability of the publishing tool pursuing our primary aim of real user empowerment;
- Integration to external systems like back office systems and course production tools;

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