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Patrick Veith achieved a diploma in business computing at the University of Duisburg-Essen. Immediately after this I started working as researcher on eLearning at the department of Information Systems for Production and Operations Management. The first two years I helped establishing a new Master of Science eLearning program in Germany called VAWi (www.vawi.de). Last summer I started working on a new project called "Quality Initiative for eLearning in Germany" (Q.E.D., www.qed-info.de) with focus on quality mLearning.



Conception and Development of Reusable and Modular Mobile Content

The goal of this paper is to show the use of learning technology standards for mobile scenarios, identifying potentials and requirements for the next generation of standards.

Within the conception and development process of mLearning scenarios, learning technology standards are often neglected because they do not take new mLearning opportunities into account. eLearning Standards support -among other areas- learning resources description (e.g. LOM), didactics (e.g. Learning Design) and actor description (e.g. LIP). Whereas eLearning can actually be based on a technical platform like a web browser and related technology, this is not the case with mLearning.

We describe our understanding of good mLearning metadata usage focussing on the necessary extensions to standards. We focus on the didactic conception of learning scenarios. IMS Learning Design provides a standardized way of describing the learning-process and associates the learning process with adequate resources and services.

Finally, we summarize how the resulting metadata for the mLearning scenarios can be used to enhance learning experiences for all actors within an mLearning scenario.

