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Paper

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Different Dimensions in the Creating, Storing, Administration and Transforming of Content for Learning Purposes on Shared Databases.

Nowadays courses often consist of single, monolithic and to specific tasks tailored information packages with no opportunity to change and create the data base in a wider context. But from the educational point of view different dimensions are important to work as a system. To solve this problem different targets have to be unified. Teachers need presentation material for the lectures, students scripts for reading and online based exercises in labs or at home to practice. Students may learn different difficult content in changing situations of live, for example at the university or later on the job. To meet all these needs is one big challenge in the future.

The consequence is to develop a shared pool of information, institutions can adapt to their individual needs. The construction and combination of the existing material focuses on new methods of creating, storing, administration and transforming of content for learning purposes. The impact of the result is quite high impact, as the common resource may be used for generating and combining thousands of variants for different purposes among the over 15 institutions and universities participating the project.