The goal of this paper is to examine the issue of the semantic web and LO in ALS to assemble and generate, from a repository of LO, a course adapted to the needs, according to goals and preferences of a given learner. This objective is a part of the current work we undertake in the project ALS-PL (Adaptive Learning Systems for the Programming Language). What interest us
more particularly in this paper is the question of the LOs and the granularity of the contents for a
reuse and an efficient search. We are also interested in the impact of the semantics by taking
into account educational standards, in order to elaborate a semantic model of the Los, and
therefore an educational semantic Web.

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The Educational Semantic Web and Associated Technologies for Adaptability in Adaptive Learning Systems

Key words

- Educational semantic Web
- Learning object
- Standards
- Ontologie
- Semantic model of the teaching grains
- ALS-PL

Index Terms

- Computer Science
- Security
