WEB-BASED OBJECT ANIMATION

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The current activities of our group comprises concrete case studies arising from practical projects: (1) Reengineering of a tram simulation system and (2) development of a material information system. Both projects use object-oriented description techniques on a semi-formal (OMT-like) and formal (TROLL-like) level. Semi-formal techniques are also the topic of a student project (18 students, 2 years). The aim of this student project is the development of an OMT design system.

The formal basis for the above activities is the object description language TROLL light. Our group already has experience with implementations of this language on different platforms. The current implementation uses persistent Java developed recently in a project at Glasgow University.

The talk explains the user-interface of the current animation system which is based on HTML documents. Thus any Web browser can be employed for the validation of specifications. For demonstration purposes we use a small description of a car rentals case system.