Abstract

There are few and incipient proposals about semi-automatic generation of conceptual schemas (specially class diagram) from Spanish verbal models. However, for other languages like English, French and German, among others, there are more experience. In this paper, we discuss class diagram generation based on KCPM (Klagenfurt Conceptual Predesign Model), from Spanish, and we apply it to a case study; furthermore, we propose the use of classic syntactic trees, for syntactic analysis legibility purposes, and we add an additional column to KCPM schema for assumed thematic role inclusion, for facilitating conversion rules applying. Obtained results show the goodness of proposed modifications, and promote new research about this topic.

Keywords

Class Diagram, KCPM, semiautomatic generation of conceptual schemas.