Abstract

The approach of model driven software development requires the use of model transformation languages plays an essential role. The OMG (Object Management Group) through the M O F (Meta Object Facility) 2.0/QVT (Query/Views/Transformations) specification defines a set of guidelines that must be satisfied by the processing language used. In recent years many languages have been defined and many works on the evaluation and/or comparison of these languages have been published. However, in each of these comparisons, aspects are evaluated under a single perspective, such as scenarios of use, required technological space, and architecture among others. This work presents an assessment of transformation languages that groups the criteria and characteristics under certain dimensions. These have been identified from works carried out on comparisons of transformation languages. The proposed evaluation process is based on the DE SM ET methodology with an analysis of characteristics approach, and the method of decision making called AHP (Analytic Hierarchy Process). The fact of considering multiple dimensions at the same time facilitates at developer in the selection process of a transformation language.

Keywords

Models driven software development, models transformation languages, DESMET, MOF 2.0/QVT, AHP.