Abstract

Model Driven Architecture (MDA) technique is mainly depend on two processes; mapping specification and transformation definition, this last one (sometimes called model transformation definition) has a tool to implement, which the most used one is Query/View/Transformation (QVT) Relational Language. This language sponsored by Object Management Group (OMG),
and we found that it needs a repository for the both target model and source model, that mean these two models must be exist before execute the transformation definition (QVT Code). To eliminate this repository problem we propose in this paper a solution for this problem that we can compile the QVT code into Business Process Execution Language for Web Services (BPEL4WS). This solution will provide valuable contribution especially for MDA infrastructure, firstly to eliminate repository requirements for target model, secondly to make model transformation as web services.

Reference


Index Terms

Computer Science  Web Services
Key words

MDA          PIM        PSM        QVT

BPEL4WS