Ontology Based XML Schema Generation

Kanishka Jayawardene
kanishka_kan@yahoo.com

Kapila Ponnamperuma
kapila@kln.ac.lk

Shantha Jayalal
shantha@kln.ac.lk

Department of Industrial Management
University of Kelaniya, Sri Lanka

Abstract :There are many commercial and non commercial tools available for XML Schema generation for XML instance documents. However most of the tools produce the schema by guessing the metadata from the instance documents. Therefore lots of manual works are needed to fit the generated schema to match with the real requirements. This paper presents a different approach to generate XML schema using domain ontology with very high accuracy and completeness.

Keywords: XML, Ontology, XML Schema.