

Underlying heterogeneous systems, multiple ontologies are created that describe same or overlapping domains. Software agents (or tools in general) need to learn how to translate between such related ontologies. Only then will they be able to exploit the information from various sources simultaneously. This demand introduces the task of ontology matching. During the process of ontology matching, relationships holding between ontology entities are discovered. The goal of this thesis is to discover the most successful approaches to ontology matching. To this end, a summary of matching techniques and approaches is presented, along with a survey that maps their usage in state of the art ontology matching systems and observes features common to recent systems.