

ONTOLOGICAL BASED APPROACH FOR REASONING THE STORIES

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Abstract

Human beings have the ability to engage in reasoning about their own reasoning using introspection. By reading the stories, a person can perceive and analyze about characters, situations, locations involved in the stories and they can extract the moral of the story by their reasoning capacity. To make the computer system for reasoning about the stories is difficult. The system should be provided with entire domain knowledge in order to perform the reasoning. Our system provides the facility to make the system to reason the stories in effective way by utilizing the efficiency of the ontology. Ontology is a formal explicit shared conceptualization. It helps the system by providing the domain specific objects, attributes and their related description in the story which makes the system to perform reasoning in an effective way. This paper focuses on the reasoning methodology of the system using ontology.

Keywords : reasoning, ontology, story, perception