

Sorin Dincă, Using Client-Server Technology to Query Knowledge Bases in Natural Language

Abstract

A major area of artificial intelligence deals with the design of knowledge representation and processing. From an intuitive point of view (abbreviated SRPC) is a collection of components that cooperate so that the system is able to reason, i.e. to answer a query. Such a system uses a knowledge base and a particular method of knowledge representation. A semantic schema has the form of a set of nodes and arcs, directed and labeled. Nodes are objects that can abstract concepts or attributes. Arcs are used to represent the links between these objects. Labels arcs have a sense arbitrary. In this paper we present an implementation of the knowledge base using the facilities of the Java language in implementing communication interfaces.

Keywords: *Token, Transition Network, ServerSocket, JTable*

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