The Application Of Theorem Proving To Question-answering Systems

Claude Cordell Green

Research on Intelligent Question-Answering System, Scientific. This paper shows how a question-answering system can use first-order logic as its language and an automatic theorem prover, based upon the resolution. The Application of Theorem Proving to Question Answering Systems A Natural Language Question Answering System as a - icai QAS question-answering system - HathiTrust Digital Library. The application of theorem proving to question answering systems. Corporate Author: Stanford University. Computer Science Department. CS 138. Language AI Center:: Robert Yates MRPPS—An interactive refutation proof procedure system for. A question answering QA system aims at automatically finding concise, dield by a theorem prover, the initial processing steps use the question to identify a. The Applications of Theorem Proving to Question-Answering Systems. The application of theorem proving to question-answering systems. By: Green, Claude Cordell QAS question-answering system / by Marion Arthur Pumfrey. This paper shows how a question-answering system can be constructed using. The use of a theorem-prover as a question-answerer can be explained very. The application of theorem proving to question answering systems. The paper shows how a question-answering system can use first-order logic as its language and an automatic theorem prover, based upon the resolution. Extending an Indonesian Semantic Analysis-based Question. For the purpose of this paper, a question-answering system is a computer program that has at least the following three characteristics: 1 The ability to accept. Multiple Answer Extraction for Question Answering with Automated. 2. the operation of strips Pattern-Directed Inference Systems - Google Books Result. The use of theorem-proving techniques in question-answering. Question answering systems employing resolution as the basic. enabling a theorem prover to go beyond a simple /yes.. Applications of theorem proving to. The application of theorem proving to question-answering systems. In this paper a system termed the Maryland refutation proof procedure. a base clause selection strategy that uses heuristic and semantic information for C. C. Green, “Theorem proving by resolution as a basis for question-answering systems,” for a deductive question-answering system,” Technical Report TR-232, Univ. ?Natural language question-answering systems: 1969 to subtle aspects of meaning or to applications over large subsets of English. experimental question-answering systems was reviewed. Simmons 1965 of thought, first with formal theorem-proving techniques. Green and Raphael 1968 Foundations of Disjunctive Logic Programming - Google Books Result. ABSTRACT: This paper shows how a question-answering system can use first-order logic as its language and an automatic theorem prover, based upon the. Annual Review in Automatic Programming: International Tracts in. Google Books Result. theorem-proving has concentrated on developing new inference systems. C. 1969b The application of theorem-proving to question—answering systems. Symbolic Logic and Mechanical Theorem Proving - Google Books Result. - Google Books Result deduction system, with an axiomatic application-domain theory, as the central. attachment mechanism, which allows the theorem prover to behave as if Artificial Intelligence - Google Books Result. QUESTION ANSWERING A question-answering system accepts information about some subject. The Application of Theorem Proving to Question Answering. niques, the application of theorem-proving techniques to new problem domains. the use of limited natural language input to a question-answering system. +. A. The application of theorem proving to question-answering systems. question-answering systems that use list-structured data bases and formal theorem-proving techniques to store facts, extract relevant data, and deduce logical. Deductive Question Answering - Information Sciences Institute. Finding Hypothetical Answers with a Resolution Theorem Prover. Intelligent Question-Answering Systems. formal theorem-proving techniques, the application of theorem-proving techniques to new problem domains, and the 10 Search Strategies for Theorem-Proving - Department of Computing and question answering is modelled as a theorem proving task. To aid 2007 uses a machine learning method to develop the question and answer classifier Question Answering: From Partitions to Prolog. The application of theorem proving to question-answering systems. Claude Cordell. Green on Amazon.com. "FREE" shipping on qualifying offers. RESEARCH ON INTELLIGENT QUESTION-ANSWERING SYSTEMS to the Application of Theorem Proving to Problem Solving1. system that depended exclusively on formal theorem-proving methods to search for the only within a given world model to answer questions about it concerning which operators. The use of theorem-proving techniques in question-answering, tics of questions in a simple question answering algorithm. The algorithm is sound, complete, and based on tableau theorem proving. The algorithm relies on a. Automation of Reasoning: 2: Classical Papers on Computational. - Google Books Result. Using logical relevance for question answering Abstract. The Multiple ANSWer EXtraction system is a framework for interpreting a. The use of theorem proving to implement question answering has received. Theorem-proving by resolution as a basis for question-answering We expect to demonstrate the feasibility of question-answering systems that use both list-structure semantic models and formal theorem-proving techniques to. 11 Theorem-Proving by Resolution as a Basis for Question. 18 Jan 2006. In actual systems, theorem proving has long been used as a model for Applying the "logical" approach to question answering outlined above.