

Office Answering System

The Welsh Answering System *The Application of Theorem Proving to Question-answering Systems* Flexible Query Answering Systems **Flexible Query Answering Systems** *Flexible Query Answering Systems* Flexible Query Answering Systems **Flexible Query Answering Systems** *Flexible Query Answering Systems* **Broadband Communications, Networks, and Systems** **A Question-answering System for Elementary Mathematics** *Machine Learning and Cybernetics* Official Gazette of the United States Patent and Trademark Office *Intelligent Computing Methodologies* **Advances in Information Retrieval Fuzzy Systems and Data Mining III** Advances in Brain Inspired Cognitive Systems **ICONQUHAS 2018 Qa4r: a Question Answering System for R Packages** International Conference on Computer Applications 2012 :: Volume 04 **Chinese Computational Linguistics and Natural Language Processing Based on Naturally Annotated Big Data Software** **Engineering Perspectives in Intelligent Systems** *Multilingual Information Access for Text, Speech and Images* Health Information Science **Reliability and Statistics in Transportation and Communication Method & Apparatuses** Smart Health Advanced Technology in Teaching - Proceedings of the 2009 3rd International Conference on Teaching and Computational Science (WTCS 2009) **Hybrid Artificial Intelligent Systems** **Flexible Query Answering Systems 2015 InfoWorld** New Knowledge in Information Systems and Technologies *Advanced Methodologies and Technologies in Library Science, Information Management, and Scholarly Inquiry* *Soft Computing and Signal Processing* **The Semantic Web. Latest Advances and New Domains** **The Theory and Implementation of a Bidirectional Question Answering System** Official Gazette of the United States Patent and Trademark Office Flexible Query Answering Systems **Hands-on Question Answering Systems with BERT** **A Question-answering System** *New York Magazine*

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Machine Learning and Cybernetics Dec 26 2021 This book constitutes the refereed proceedings of the 13th International Conference on Machine Learning and Cybernetics, Lanzhou, China, in July 2014. The 45 revised full papers presented were carefully reviewed and selected from 421 submissions. The papers are organized in topical sections on classification and semi-supervised learning; clustering and kernel; application to recognition; sampling and big data; application to detection; decision tree learning; learning and adaptation; similarity and decision making; learning with uncertainty; improved learning algorithms and applications.

Advanced Technology in Teaching - Proceedings of the 2009 3rd International Conference on Teaching and Computational Science (WTCS 2009) Aug 10 2020 The volume includes a set of selected papers extended and revised from the International Conference on Teaching and Computational Science (WTCS 2009) held on December 19- 20, 2009, Shenzhen, China. WTCS 2009 best papers Volume 1 is to provide a forum for researchers, educators, engineers, and government officials involved in the general areas of Intelligent Ubiquitous Computing and Education to disseminate their latest research results and exchange views on the future research directions of these fields. 128 high-quality papers are included in the volume. Each paper has been peer-reviewed by at least 2 program committee members and selected by the volume editor Prof. Wu. On behalf of the WTCS 2009, we would like to express our sincere appreciation to all of authors and referees for their efforts reviewing the papers. Hoping you can find lots of profound research ideas and results on the related fields of Intelligent Ubiquitous Computing and Education.

A Question-answering System Jul 29 2019

Flexible Query Answering Systems Sep 30 2019 This volume constitutes the proceedings of the Fifth International Conference on Flexible Query Answering Systems, FQAS 2002, held in Copenhagen, Denmark on October 27-29, 2002. FQAS is the premier conference for researchers and practitioners concerned with the vital task of providing easy, flexible, and intuitive access to information for every type of need. This multidisciplinary conference draws on several research areas, including databases, information retrieval, knowledge representation, soft computing, multimedia, and human-computer interaction. Previous FQAS events were held in 1994, 1996, 1998, and 2000. The overall theme of the FQAS conferences is innovative query systems - metadata providing easy, flexible, and intuitive access to information. Such systems are intended to facilitate retrieval from information repositories such as databases, libraries, and the World-Wide Web. These repositories are typically equipped with standard query systems which are often inadequate, and the focus of FQAS is the development of query systems that are more expressive, informative, cooperative, and productive. These proceedings contain 29 original papers that relate to the topic of users posing queries and systems producing answers. The papers cover the fields: - Database Management, Information Retrieval, Domain Modeling, Knowledge - presentation and Ontologies, Knowledge Discovery and Data Mining, Artificial Intelligence, Classical and Non-classical Logics, Computational Linguistics and Natural Language Processing, Multimedia Information Systems, and Human-Computer Interaction. We wish to thank the contributors for their excellent papers and the referees, publisher, and sponsors for their effort. Special thanks also to the invited speakers, members of the Advisory Board, and members of the Program Committee. They made the success of FQAS 2002 possible.

Advances in Brain Inspired Cognitive Systems Jul 21 2021 This book constitutes the refereed proceedings of the 9th International Conference on Advances in Brain Inspired Cognitive Systems, BICS 2018, held in Xi'an, China, in July 2018. The 83 papers presented in this volume were carefully reviewed and selected from 137 submissions. The papers were organized in topical sections named: neural computation; biologically inspired systems; image recognition: detection, tracking and classification; data analysis and natural language processing; and applications. International Conference on Computer Applications 2012 :: Volume 04 Apr 17 2021

The Welsh Answering System Nov 05 2022 **TRENDS IN LINGUISTICS** is a series of books that open new perspectives in our understanding of language. The series publishes state-of-the-art work on core areas of linguistics across theoretical frameworks as well as studies that provide new insights by building bridges to neighbouring fields such as neuroscience and cognitive science. **TRENDS IN LINGUISTICS** considers itself a forum for cutting-edge research based on solid empirical data on language in its various manifestations, including sign languages. It regards linguistic variation in its synchronic and diachronic dimensions as well as in its social contexts as important sources of insight for a better understanding of the design of linguistic systems and the ecology and evolution of language. **TRENDS IN LINGUISTICS** publishes monographs and outstanding dissertations as well as edited volumes, which provide the opportunity to address controversial topics from different empirical

and theoretical viewpoints. High quality standards are ensured through anonymous reviewing.

Hybrid Artificial Intelligent Systems Jul 09 2020 This volume constitutes the refereed proceedings of the 14th International Conference on Hybrid Artificial Intelligent Systems, HAIS 2019, held in León, Spain, in September 2019. The 64 full papers published in this volume were carefully reviewed and selected from 134 submissions. They are organized in the following topical sections: data mining, knowledge discovery and big data; bio-inspired models and evolutionary computation; learning algorithms; visual analysis and advanced data processing techniques; data mining applications; and hybrid intelligent applications.

Flexible Query Answering Systems Apr 29 2022 This volume constitutes the proceedings of the Fourth International Conference on Flexible Query Answering Systems, FQAS'2000, held in Warsaw, Poland on October 25 - 28, 2000. The FQAS conference has been the premier conference focusing on one of key issues that the information society faces, namely that of providing easy, flexible, intuitive access to information for everybody. In targeting this issue, the conference draws on several research areas, such as databases, querying, information retrieval, knowledge representation, soft computing, cyberspace, multimedia systems, human-computer interaction, etc. FQAS'2000 has been preceded by the extremely successful FQAS'94, FQAS'96 and FQAS'98 conferences all held in Roskilde, Denmark. The present conference provides a unique opportunity for researchers, developers and practitioners to explore new ideas and approaches in a multidisciplinary forum. As a metaphor for flexible query answering we may consider a human intermediary who has expertise in the topic of the query, and is experienced in identifying the user's information needs and answering the needs from the available information resources. The use of knowledge on relevant contexts, available information resources, etc. , enables the expert to respond rather precisely to the needs, though the query, per se, may be imprecise, incomplete, etc. Thus, a key issue for flexible query answering system is to obtain, maintain, represent, and utilize such knowledge. This comprises domain knowledge and metaknowledge, its representation and organization in ontologies, terminologies, etc.

Official Gazette of the United States Patent and Trademark Office Oct 31 2019

Software Engineering Perspectives in Intelligent Systems Feb 13 2021 This book constitutes the refereed proceedings of the 4th Computational Methods in Systems and Software 2020 (CoMeSySo 2020) proceedings. Software engineering, computer science and artificial intelligence are crucial topics for the research within an intelligent systems problem domain. The CoMeSySo 2020 conference is breaking the barriers, being held online. CoMeSySo 2020 intends to provide an international forum for the discussion of the latest high-quality research results.

A Question-answering System for Elementary Mathematics Jan 27 2022

Reliability and Statistics in Transportation and Communication Nov 12 2020 This book reports on cutting-edge theories and methods for analyzing complex systems, such as transportation and communication networks and discusses multi-disciplinary approaches to dependability problems encountered when dealing with complex systems in practice. The book presents the most noteworthy methods and results discussed at the International Conference on Reliability and Statistics in Transportation and Communication (RelStat), which took place remotely from Riga, Latvia, on October 14 – 17, 2020. It spans a broad spectrum of topics, from mathematical models and design methodologies, to software engineering, data security and financial issues, as well as practical problems in technical systems, such as transportation and telecommunications, and in engineering education.

Intelligent Computing Methodologies Oct 24 2021 This book constitutes - in conjunction with the two-volume set LNCS 10954 and LNCS 10955 - the refereed proceedings of the 14th International Conference on Intelligent Computing, ICIC 2018, held in Wuhan, China, in August 2018. The 275 full papers and 72 short papers of the three proceedings volumes were carefully reviewed and selected from 632 submissions. The papers are organized in topical sections such as Evolutionary Computation and Learning; Neural Networks; Pattern Recognition; Image Processing; Information Security; Virtual Reality and Human-Computer Interaction; Business Intelligence and Multimedia Technology; Biomedical Informatics Theory and Methods; Swarm Intelligence and Optimization; Natural Computing; Quantum Computing; Intelligent Computing in Computer Vision; Fuzzy Theory and Algorithms; Machine Learning; Systems Biology; Intelligent Systems and Applications for Bioengineering; Evolutionary Optimization: Foundations and Its Applications to Intelligent Data Analytics; Swarm Evolutionary Algorithms for Scheduling and Combinatorial Optimization; Swarm Intelligence and Applications in Combinatorial Optimization; Advances in Metaheuristic Optimization Algorithm; Advances in Image Processing and Pattern Techniques; Bioinformatics.

Flexible Query Answering Systems 2015 Jun 07 2020 This volume contains the papers presented at the Eleventh Flexible Query Answering Systems 2015 (FQAS-2015) held on October 26-28, 2015 in Cracow, Poland. The international conferences on Flexible Query Answering Systems (FQAS) are a series of premier conferences focusing on the key issue in the information society of providing easy, flexible, and intuitive access to information and knowledge to everybody, even people with a very limited computer literacy. In targeting this issue, the Conference draws on several research areas, such as information retrieval, database management, information filtering, knowledge representation, soft computing, management of multimedia information, and human-computer interaction. The Conference provides a unique opportunity for researchers, developers and practitioners to explore new ideas and approaches in a multidisciplinary forum.

Soft Computing and Signal Processing Feb 02 2020 This book presents selected research papers on current developments in the fields of soft computing and signal processing from the Second International Conference on Soft Computing and Signal Processing (ICSCSP 2019). The respective contributions address topics such as soft sets, rough sets, fuzzy logic, neural networks, genetic algorithms and machine learning, and discuss various aspects of these topics, e.g. technological considerations, product implementation, and application issues.

Smart Health Sep 10 2020 This book constitutes the refereed proceedings of the International Conference for Smart Health, ICSH 2014, held in Beijing, China, in July 2014. The 21 papers presented together with 4 extended abstracts were carefully reviewed and selected from numerous submissions. The papers are organized in topical sections on information sharing, integrating and extraction; health data analysis and management; clinical and medical data mining; and clinical practice and medical monitoring.

Advances in Information Retrieval Sep 22 2021 rank, expert search and opinion detection.

InfoWorld May 07 2020 InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

Flexible Query Answering Systems Mar 29 2022 This book constitutes the refereed proceedings of the 5th International Conference on Flexible Query Answering Systems, FQAS 2002, held in Copenhagen, Denmark, in October 2002. The 29 revised full papers presented were carefully reviewed and selected for inclusion in the proceedings. Among the fields covered are database management, information retrieval, domain modeling, knowledge representation and ontologies, knowledge discovery and data mining, artificial intelligence, classical and nonclassical logics, computational linguistics, natural language processing, multimedia information systems, and human-computer interaction.

New Knowledge in Information Systems and Technologies Apr 05 2020 This book includes a selection of articles from The 2019 World Conference on Information Systems and Technologies (WorldCIST'19), held from April 16 to 19, at La Toja, Spain. WorldCIST is a global forum for researchers and practitioners to present and discuss recent results and innovations, current trends, professional experiences and challenges in modern information systems and technologies research, together with their technological development and applications. The book covers a number of topics, including A) Information and Knowledge Management; B) Organizational Models and Information Systems; C) Software and Systems Modeling; D) Software Systems, Architectures, Applications and Tools; E) Multimedia Systems and Applications; F) Computer Networks, Mobility and Pervasive Systems; G) Intelligent and Decision Support Systems; H) Big Data Analytics and Applications; I)

Human-Computer Interaction; J) Ethics, Computers & Security; K) Health Informatics; L) Information Technologies in Education; M) Information Technologies in Radiocommunications; and N) Technologies for Biomedical Applications.

Fuzzy Systems and Data Mining III Aug 22 2021 Data science is proving to be one of the major trends of the second decade of the 21st century. Even though the term was coined by Peter Naur in the mid 1960s as 'datalogy', or the science of data, it is in the context of data analytics, and especially of big data, that data science has emerged as the new paradigm. Fuzzy and Crisp strategies are two of the most widespread approaches within the computational intelligence umbrella. This book presents 65 papers from the 3rd International Conference on Fuzzy Systems and Data Mining (FSDM 2017), held in Hualien, Taiwan, in November 2017. All papers were carefully reviewed by program committee members, who took into consideration the breadth and depth of the research topics that fall within the scope of FSDM. Offering a state-of-the-art overview of fuzzy systems and data mining, the publication will be of interest to all those whose work involves data science.

Flexible Query Answering Systems Sep 03 2022 This volume constitutes the Proceedings of the 8th International Conference on Flexible Query Answering Systems, FQAS 2009, held in Roskilde, Denmark, October 26-28, 2009. FQAS 2009 was preceded by the 1994, 1996 and 1998 editions held in Roskilde, Denmark, the FQAS 2000 held in Warsaw, Poland, the 2002 held in Copenhagen, Denmark, and the 2004 and 2006 editions held in Lyon, France, and in Milan, Italy, respectively. FQAS is the premier conference concerned with the very important issue of providing users of information systems with flexible querying capabilities, and with an easy and intuitive access to information. The main objective is to achieve more expressive, informative, cooperative, and productive systems which facilitate retrieval from information repositories such as databases, libraries, heterogeneous archives and the World-Wide Web. In targeting this objective, the conference draws on several research areas, such as information retrieval, database management, information filtering, knowledge representation, soft computing, management of multimedia information, and human-computer interaction. The conference provides a unique opportunity for researchers, developers and practitioners to explore new ideas and approaches in a multidisciplinary forum. The overall topic of the FQAS conferences is innovative query systems aimed at providing easy, flexible and human-friendly access to information. Such systems are becoming increasingly important also due to the huge and always growing number of users as well as the growing amount of available information.

Flexible Query Answering Systems Jul 01 2022 This book constitutes the refereed proceedings of the 8th International Conference on Flexible Query Answering Systems, FQAS 2011, held in Roskilde, Denmark, in October 2011. The 43 papers included in this volume were carefully reviewed and selected from numerous submissions. The papers are organized in topical sections on logical approaches to flexible querying, fuzzy logic in spatial and temporal data modeling and querying, knowledge-based approaches, multimedia, data fuzziness, reliability and trust, information retrieval, preference queries, flexible querying of graph data, ranking, ordering and statistics, query recommendation and interpretation, as well as on fuzzy databases and applications (8 papers presented in a special session).

Multilingual Information Access for Text, Speech and Images Jan 15 2021 This book constitutes the thoroughly refereed postproceedings of the 5th Workshop of the Cross-Language Evaluation Forum, CLEF 2004, held in Bath, UK in September 2004. The 80 revised papers presented together with an introduction were carefully reviewed and selected for inclusion in the book. The papers are organized in topical sections on ad hoc text retrieval tracks (mainly cross-language experiments and monolingual experiments), domain-specific document retrieval, interactive cross-language information retrieval, multiple language question answering, cross-language retrieval in image collections, cross-language spoken document retrieval, and on issues in CLIR and in evaluation.

Flexible Query Answering Systems Aug 02 2022 This book constitutes the refereed proceedings of the 10th International Conference on Flexible Query Answering Systems, FQAS 2013, held in Granada, Spain, in September 2013. The 59 full papers included in this volume were carefully reviewed and selected from numerous submissions. The papers are organized in a general session track and a parallel special session track. The general session track covers the following topics: querying-answering systems; semantic technology; patterns and classification; personalization and recommender systems; searching and ranking; and Web and human-computer interaction. The special track covers some specific and, typically, newer fields, namely: environmental scanning for strategic early warning; generating linguistic descriptions of data; advances in fuzzy querying and fuzzy databases: theory and applications; fusion and ensemble techniques for online learning on data streams; and intelligent information extraction from texts.

Method & Apparatuses Oct 12 2020

New York Magazine Jun 27 2019 New York magazine was born in 1968 after a run as an insert of the New York Herald Tribune and quickly made a place for itself as the trusted resource for readers across the country. With award-winning writing and photography covering everything from politics and food to theater and fashion, the magazine's consistent mission has been to reflect back to its audience the energy and excitement of the city itself, while celebrating New York as both a place and an idea.

Health Information Science Dec 14 2020 This book constitutes the proceedings of the 9th International Conference on Health Information Science, HIS 2020, which took place in Amsterdam, The Netherlands, during October 20-23, 2020. The 11 full papers and 6 short papers presented in this volume were carefully reviewed and selected from 62 submissions. They were organized in topical sections named: mental health; medical record processing; medical information systems; medical diagnosis with machine learning; and health behavior and medication.

Hands-on Question Answering Systems with BERT Aug 29 2019 Get hands-on knowledge of how BERT (Bidirectional Encoder Representations from Transformers) can be used to develop question answering (QA) systems by using natural language processing (NLP) and deep learning. The book begins with an overview of the technology landscape behind BERT. It takes you through the basics of NLP, including natural language understanding with tokenization, stemming, and lemmatization, and bag of words. Next, you'll look at neural networks for NLP starting with its variants such as recurrent neural networks, encoders and decoders, bi-directional encoders and decoders, and transformer models. Along the way, you'll cover word embedding and their types along with the basics of BERT. After this solid foundation, you'll be ready to take a deep dive into BERT algorithms such as masked language models and next sentence prediction. You'll see different BERT variations followed by a hands-on example of a question answering system. Hands-on Question Answering Systems with BERT is a good starting point for developers and data scientists who want to develop and design NLP systems using BERT. It provides step-by-step guidance for using BERT. What You Will Learn Examine the fundamentals of word embeddings Apply neural networks and BERT for various NLP tasks Develop a question-answering system from scratch Train question-answering systems for your own data Who This Book Is For AI and machine learning developers and natural language processing developers.

ICONQUHAS 2018 Jun 19 2021 Proceedings of the 2nd International Conference on Quran and Hadith Studies Information Technology and Media in Conjunction with the 1st International Conference on Islam, Science and Technology, ICONQUHAS & ICONIST, Bandung, October 2-4, 2018, Indonesia Now-days, Multimedia devices offer opportunities in transforming the Quran and Hadith into different forms of use, and into extended areas of studies. Technology information offers challenges as well as opportunity. Therefore, Faculty of Ushuluddin, UIN (the State Islamic University) Syarif Hidayatullah Jakarta, of UIN Sunan Gunung Djati Bandung, and UIN Maulana Malik Ibrahim Malang held jointly the 2nd International Conference on Qur'an and Hadith Studies (ICONQUHAS 2018) and the 1st International Conference on Islam, Science, and Technology (ICONIST2018), with the theme "Qur'an-Hadith, Information Technology, and Media: Challenges and Opportunities". This conference aims at bringing together scholars and researchers to share their knowledge and their research findings. This publication resulted from

the selected papers of these conferences

The Semantic Web. Latest Advances and New Domains Jan 03 2020 The 47 revised full papers presented together with three invited talks were carefully reviewed and selected from 204 submissions. This program was completed by a demonstration and poster session, in which researchers had the chance to present their latest results and advances in the form of live demos. In addition, the PhD Symposium program included 10 contributions, selected out of 21 submissions. The core tracks of the research conference were complemented with new tracks focusing on linked data; machine learning; mobile web, sensors and semantic streams; natural language processing and information retrieval; reasoning; semantic data management, big data, and scalability; services, APIs, processes and cloud computing; smart cities, urban and geospatial data; trust and privacy; and vocabularies, schemas, and ontologies.

Chinese Computational Linguistics and Natural Language Processing Based on Naturally Annotated Big Data Mar 17 2021 This book constitutes the refereed proceedings of the 12th China National Conference on Computational Linguistics, CCL 2013, and of the First International Symposium on Natural Language Processing Based on Naturally Annotated Big Data, NLP-NABD 2013, held in Suzhou, China, in October 2013. The 32 papers presented were carefully reviewed and selected from 252 submissions. The papers are organized in topical sections on word segmentation; open-domain question answering; discourse, coreference and pragmatics; statistical and machine learning methods in NLP; semantics; text mining, open-domain information extraction and machine reading of the Web; sentiment analysis, opinion mining and text classification; lexical semantics and ontologies; language resources and annotation; machine translation; speech recognition and synthesis; tagging and chunking; and large-scale knowledge acquisition and reasoning.

Official Gazette of the United States Patent and Trademark Office Nov 24 2021

The Application of Theorem Proving to Question-answering Systems Oct 04 2022 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 inference principle, as its deductive mechanism. The resolution proof procedure is extended to a constructive proof procedure. An answer construction algorithm is given whereby the system is able not only to produce yes or no answers but also to find or construct an object satisfying a specified condition. A working computer program, QA3, based on these ideas, is described. Methods are presented for solving state transformation problems. In addition to question-answering, the program can do automatic programming, control and problem solving for a simple robot, pattern recognition, and puzzles. (Author).

Broadband Communications, Networks, and Systems Feb 25 2022 This book constitutes the refereed post-conference proceedings of the 10th International Conference on Broadband Communications, Networks, and Systems, Broadnets 2019, which took place in Xi'an, China, in October 2019. The 19 full papers presented were carefully reviewed and selected from 61 submissions. The papers are thematically grouped as follows: Wireless Networks and Applications, Communication and Sensor Networks, Internet of Things, Pervasive Computing, Security and Privacy.

Flexible Query Answering Systems May 31 2022 This book constitutes the refereed proceedings of the 13th International Conference on Flexible Query Answering Systems, FQAS 2019, held in Amantea, Italy, in July 2019. The 27 full papers and 10 short papers presented were carefully reviewed and selected from 43 submissions. The papers present emerging research trends with a special focus on flexible querying and analytics for smart cities and smart societies in the age of big data. They are organized in the following topical sections: flexible database management and querying; ontologies and knowledge bases; social networks and social media; argumentation-based query answering; data mining and knowledge discovery; advanced flexible query answering methodologies and techniques; flexible query answering methods and techniques; flexible intelligent information-oriented and network-oriented approaches; big data veracity and soft computing; flexibility in tools; and systems and miscellanea.

Advanced Methodologies and Technologies in Library Science, Information Management, and Scholarly Inquiry Mar 05 2020 As the academic and scholarly landscape are continuously enhanced by the advent of new technology, librarians must be aware and informed to develop and implement best practices. Effective administration of libraries is a crucial part of delivering library services to patrons and ensuring that information resources are disseminated efficiently. Advanced Methodologies and Technologies in Library Science, Information Management, and Scholarly Inquiry provides emerging information on modern knowledge management and effective means of sharing research through libraries. While highlighting the importance of digital literacy and information resources, readers will also learn new methods in information retrieval and research methods in quality scholarly inquiry. This book is an important resource for librarians, administrators, information science professionals, information technology specialists, students, and researchers seeking current information on the importance of effective library science technology.

The Theory and Implementation of a Bidirectional Question Answering System Dec 02 2019 Abstract: "This paper describes a question answering system which is a limited instance of the general bidirectional architecture suggested by Appelt (1987). The novel features of our approach include the use of a linguistically well-motivated set of functional features; a bidirectional grammar which encodes these features directly; a question answering program which uses the thematic organisation of the user's input to construct a cooperative reply; and a tactical generation component which can be used with Montague semantics."

Qa4r: a Question Answering System for R Packages May 19 2021 There is a massive amount of data from various sources available today, and querying meaningful information from those datasets would be valuable. Question Answering Systems (QAS) implement information retrieval (IR) and Natural Language Processing (NLP) that can automatically answer the questions posed in a natural language. There are three different types of QAS as Open Domain, Closed Domain, and Restricted Domain. Following are the various types of questions: fact-based, definition, how, why, hypothetical, semantically constrained, and cross-lingual. R is a dynamic programming language widely used for statistical computing that combines functional and object-oriented programming. The R development community maintains thousands of R packages through its Comprehensive R Archive Network CRAN. However, while websites like rdrv.io, rseek.org, and search.r-project.org provide search results for R packages, no intelligent question-answering system is currently available for R. This study examines Question Answering Systems (QAS), current developments and academic research areas in the QAS field, and QAS implementations. In this research, we propose a prototype question answering system for R packages that returns R packages relevant to the user query in natural language. We created a question answering dataset (QAD4R) for R packages using web scraping and developed a question generation model. Pre-trained BERT-based language models were used to create the question-answering system for R. All the code files are available publicly at this GitHub location <https://github.com/GanB/QA4R-A-Question-AnsweringSystem-for-R-Packages>.