Abstract

There are two types of web projects first one is static web application. In static web application all the pages are linked together there is no connection from database. And other one is dynamic web application, for this type of application database is maintained and person can change according to their needs if he has an authentication. In both cases a large amount of data required to add over the pages that are visualized by any internet browser. Dynamic web applications become so popular that the increasing traffic volume threatens to overwhelm the networking capacity in place within corporate Intranets and on the Internet. Due to these increased traffic there is much need to improve the performance of web cache server using more flexible and effective manner. In this paper we propose, design and implement a new approach by which the performances of dynamic web applications are improved. Moreover it we compare the performance of our approach using performance evaluation of our implemented model.

References

- Improving Web Server Performance by Caching Dynamic Data Arun Iyengar and Jim
An Enhance Approach for Dynamic Web Caching

Challenger IBM Research Division T. J. Watson Research Center P. O. Box 704 Yorktown Heights, NY 10598 {aruni, challng}@watson.ibm.com.

Techniques for efficiently serving data and dynamic data at webservers using internet and intranet technology Prof. S. N. Gujar1, Prof. G. R. Bamnote2, Prof. R. S. Apare2, Prof. M. A. Pund2, Mr. S. R. Gupta2 1Smt. Kashibai Navale College of Engineering, Pune. India Email: satish_gujar@yahoo.com 2Smt. Kashibai Navale College of Engineering, Pune. India Email: ravi_apare@yahoo.co.in 2Prof. Ram Meghe Institute of Technology and Research, Badnera India Email:{pundmukesh@rediffmail.com, nilguptacse@gmail.com, grbamnote@rediffmail.com}

Methodologies for Generating HTTP Streaming Video Workloads to Evaluate Web Server Performance, Jim Summers, Tim Brecht University of Waterloo jasummer,brecht@cs.uwaterloo.ca Derek Eager University of Saskatchewan eager@cs.usask.ca Bernard Wong University of Waterloo bernard@cs.uwaterloo.ca

Cache-based Compaction: A New Technique for Optimizing Web Transfer Mun Choon Chan Thomas Y. C. Woo Networking Software Research Department Bell Laboratories {munchoon, woo}@research.bell-labs.com

Intelligent Web Caching Using Neuro computing and Particle Swarm Optimization Algorithm Sarina Sulaiman1, Siti Mariyam Shamsuddin2, Fadni Forkan3, Ajith Abraham4 Soft Computing Research Group, Faculty of Computer Science and Information System, Universiti Teknologi Malaysia, 81310 Skudai, Johor, Malaysia. 4 Centre for Quantifiable Quality of Service in Communication Systems, Norwegian University of Science and Technology, Trondheim, Norway. sarina@utm.my 1, mariyam@utm.my 2, fuelcon@gmail.com 3, ajith.abraham@ieee.org

An Optimization Technique of Web Caching using Fuzzy Inference System Anish Kumar Saha Assistant Professor CSE Department NIT, Agartala, INDIA Partha Pratim Deb M. Tech CSE Netaji Subhash Engg College West Bengal, India Moutushi Kar, D. Rudrapal Assistant Professor CSE Department NIT, Agartala, INDIA

Web Log Mining for Improvement of Caching Performance Rudeekorn Soonthornsutee1, Pramote Luenam

Sync Kit: A Persistent Client-Side Database Caching Toolkit for Data Intensive Websites Edward Benson, Adam Marcus, David Karger, Samuel Madden {eob, marcu, karger, madden}@csail.mit.edu MIT CSAIL

Vcache: Caching Dynamic Documents Vipul Goyal1 Sugata Sanyal Dharma P. Agrawal Department of Computer Science & Engg School of Technology & Computer Science Center for Distributed and Mobile Computing, ECECS Institute of Technology, Banaras Hindu University Tata Institute of Fundamental Research University of Cincinnati Varanasi-221005, India Mumbai-400005, India Cincinnati, OH 45221-0030, USA vipulg@cpan.org sanyal@tifr.res.in dpa@ececs.uc.edu

Index Terms

Computer Science Information Sciences
Keywords
Web applications  cache management  networking  improvement  performance