Abstract

In the daily practice we can see that the desktop applications are becomes web based. Thus the requirement for improving the web application performance is quite necessary in this day. In this paper we propose design and implement a timeline based web cache management scheme by which we improve the web applications performances. In this paper we include different aspects, problem and propose solution for the cache management strategy, additionally here we explain the working of the system at the application level. Additionally here we provide the performance evaluation of the designed system using different performance

References

- An Overview Of Web Caching Replacement Algorithms, IEEE Communications Surveys & Tutorials • Second Quarter 2004
Dynamic Web Cache Management and Browsing Performance

- A Hierarchical Internet Object Cache, Anawat Chankhunthod, Peter B. Danzig, Chuck Neerdaels, Computer Science Department, University of Southern California
- URL Forwarding and Compression in Adaptive Web Caching, 0-7803-5880-5/00/$10. 00 © 2000 IEEE
- Outperforming LRU with an Adaptive Replacement Cache Algorithm, 0018-9162/04/$20. 00 © 2004 IEEE 4 Computer Research Feature Published by the IEEE Computer Society
- Web Caching Resources www. web-cache. com
- Squid cache http://www. squid-cache. org/
- Web Prefetching: Costs, Benefits and Performance, Yingyin, Jiang, Min-You Wu, and Wei Shu, Department of Electrical and Computer Engineering, The University of New Mexico, Albuquerque, NM 87131, USA
- Improving Web Server Performance by Caching Dynamic Data, Arun Iyengar and Jim Challenger IBM Research Division, T. J. Watson Research Canter
- A Study of Bare PC Web Server Performance for Workloads with Dynamic and Static Content, Arun Iyengar and Jim Challenger IBM Research Division, T. J. Watson Research Center
- Web Log Mining for Improvement of Caching Performance, Rudeekorn Soonthonsutee1, Pramote Luenam Techniques For Efficiently Serving Data And Dynamic Data At Webservers Using Internet And Intranet Technology

Index Terms

Computer Science
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