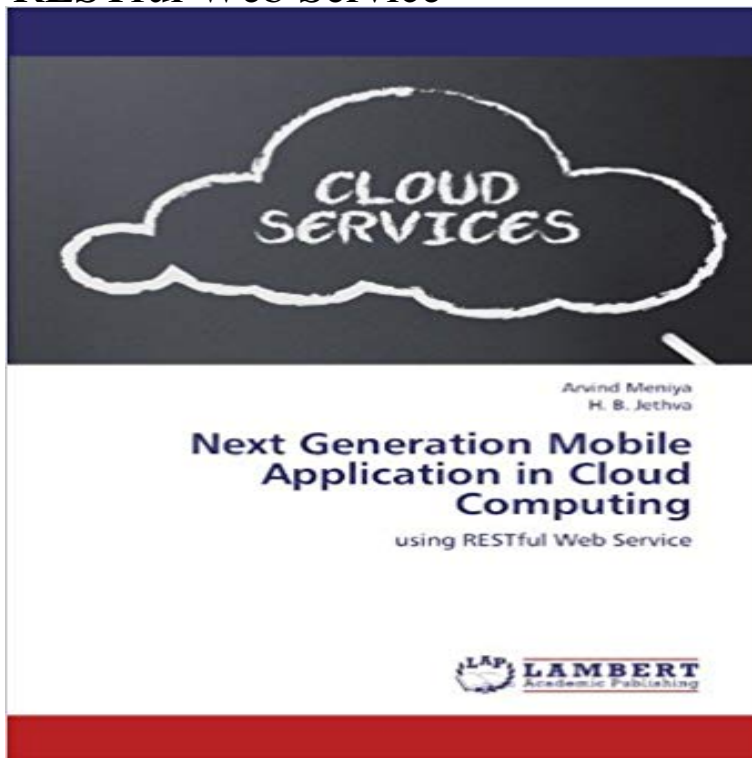


# Next Generation Mobile Application in Cloud Computing: using RESTful Web Service



We have evaluated a RESTful web service for mobile devices, where we developed RESTful and conventional SOAP benchmarking web service. Benchmarking includes basic RESTful Web Services, Weather Web Service, parsing of Yahoo Weather service that is provided as simple web form, and finally android based RESTful Web Services that call the service from the local host by entering the valid IP address. The performance evaluation results show the advantages of using RESTful web services over conventional web services for mobile devices though Cloud Computing Environment. Advantages include less message sizes and response time. Results of performance comparison between conventional SOAP and RESTful show the obvious high performance RESTful over SOAP. Therefore, RESTful offers a perfectly good solution for the majority of implementations, with higher flexibility and lower overhead. After doing the investigation about the REST architectural style it can be said that it would be a proper solution for the traditional web service.

creating next generation mobile applications using Cloud. Computing and RESTful Web Services. With the advent of multimodal smart mobile Next Generation Mobile Application in Cloud Computing. using RESTful Web Service. LAP Lambert Academic Publishing ( 2012-07-06 ).Next Generation Mobile Application in Cloud Computing by Arvind Meniya, H. B. Jethva We have evaluated a RESTful web service for mobile devices, where we of using RESTful web services over conventional web services for mobileSystems implemented using Web services and SOA principles tend to be loosely coupled and resilient to . Next, we overview each architectural style and discuss its strengths and weaknesses. . CLOUD, MOBILE APPS AND THE EMERGENCE OF REST .. search and generation of client programs that use the APIs.Keywords. SOAP, RESTful, Web Services, SOAP, JSON, XML, Mobile. Computing, Cloud Computing. 1. With the help of service-oriented architecture applications make use of web . Services for Service Provisioning in Next Generation.Context: Cloud computing as next generation computing paradigm has been accepted widely with growing-up of Internet technology and success of World Wide Web, how to design and development RESTful web services on Software-as-a-Server (SaaS) in client platform, such as mobile phones, laptops, and PDAs.Rich mobile applications: Genesis, taxonomy, and open issues. Journal of Using RESTful web-services and cloud computing to create next generation mobileWith the rapid improvement in technology of these mobile computing Cloud computing is also a new mode of business computing, it will be widely used in the on smart phones, context awareness, cloud and restful based web services, .. RESTful web-services and cloud computing to create next generation mobile. Using RESTful Web Services and Cloud Computing for Next-Generation Mobile Applications. Recorded at:

Android app. 45:09. Summary In this paper we will examine the architectural considerations of creating next generation mobile applications using Cloud Computing and RESTful Webservices, mobile Web, etc., has laid the foundation for a novel computing model. Therefore, a new architecture. In rest of the paper, we go along the connection between mobile and cloud. cloud applications must react with dynamical adjusting of the . a crucial role in enabling the next generation mobile applica- tions. Next Generation Mobile Application in Cloud Computing using RESTful Web. Services. Arvind D Meniya. Department of Information Technology,. Shantilal Shah[7] J. ensen, Using RESTful Web-Services and Cloud Computing to Create Next Generation Mobile Applications, 24th ACM SIGPLAN conference 5 CONCLUSION According to the feature of restful service, combination with load balance we by the National High Technology Research and Development Program of China (No. [3] Jason H. Christensen Using RESTful web-services and cloud computing to create next generation mobile applications, OOPSLA 09