

## **SEMANTIC-CLOUD ARCHITECTURE FOR MOBILES AN INTEGRATION OF SEMANTIC WEB, CLOUD AND MOBILE APPLICATIONS**

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### **ABSTRACT**

This paper highlights and outlines the architecture of Semantic web and cloud for mobile applications, a blend of two emerging web technologies, semantic web and cloud computing, for revolutionizing data access and processing capabilities over mobile platform. The emphasis lies on decoupling of data processing and data management from mobile hardware, usage of cloud for storage and transmission and thus exploring new opportunities that semantic cloud in mobile applications may promise to offer. This paper provides the context for the integration of three technologies and speaks technical details for the transition of technology to information.

**KEYWORDS:** Semantic Web, Cloud Computing, Semantic Cloud for Mobile, Mobile Cloud, RDF, Semantic Cloud