Abstract

Mobile computing is an ever-growing research area. Due to temporary drawbacks of current mobile hardware technology and intrinsic mobility, computation on mobile devices will always be a compromise in most research work. Mobile computing can seamlessly augment the cognitive and collaborative abilities of users by using interactive capabilities in computing system. With cloud computing technology emerging, mobile computing has wider solutions to support. In this paper, we propose a kind of cloud-augmented mobile computing (CMC) concept, and express the meaning of its implement. We discuss the railway emergency disposing system based on the CMC concept, and expatiated on its design and implement for mobile device to utilize the capability of cloud infrastructure and technology.
Cloud- Augmented Mobile Computing for Railway Emergency System

References

- Hadoop on Demand Documentation, http://hadoop.apache.org/core/docs/r0.17.2hod.html.
- HBase


**Index Terms**

Computer Science

Cloud Computing Services

**Keywords**

Cloud Computing Mobile Computing Railway Application