Abstract

The use of Location Based Services has helped in enhancing information security to a great extent but there’s no denial that there are flaws in its applications. Sometimes these identities are forged or duplicated which would lead data breach and thus compromised security. In present world scenario, the ability to securely store data and transfer sensitive information has proved to be critical when it comes to success in business as well as war. Hence, we need a better form of cryptographic technique. In this paper we focus on the concept of Location Dependent data Encryption Algorithm.

The Android operating system is may be the most profitable and gainful options of an open source platform. Android is based on the Linux kernel and it consists of APIs with class bearing potential reference to Location Based Services which gives facility to obtain a mobile phone’s location from any location provider such as GPS or A-GPS and is designed to be open for other location based systems.
References


**Index Terms**

Computer Science  
Algorithms

**Keywords**

Location based services, location based encryption algorithm, open source application, geographic positioning system, android sdk.