Abstract

In this paper, we describe how to reduce size of android application as well as reduce the deployment time in installation of android application update using DELTA++. We are executing this by using the basic DELTA encoding algorithm. For this we need to pack and unpack the APKs that is the executable file of google smart application. To modify and update the patches DELTA++ modifying technique is used. Patches provided by google smart application are firstly constructed and then deployed. In this size reducing technique we are taking the application update in consideration hence we update the patches called files using deltas the advance feature of this is to decode the compressed patches into the delta again. Because of this we are able to reduce the deployment time And user need not to be decode the latest version every time. And can install faster.

References

- Nikolai Samteladze, "Delta Encoding Based Methods to Reduce the Size of Smartphone Application Updates", January 2013. URL: University of South Florida, nikolay.samteladze@gmail.com Follow this and additional works at: http://scholarcommons.
Reducing Size and Deployment Time of Android Application Update using DELTA++

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Index Terms
- Computer Science
- Software Engineering

Keywords
- Differential algorithm and SHA-1 algorithm.