SYSTEM AND METHOD FOR MANAGING MEMORY IN A MOBILE DEVICE

Abstract

A system and method for managing memory in a mobile device to prevent the swapping out of sensitive data to non-volatile storage from a volatile memory, to provide enhanced security for the sensitive data. In one broad aspect, there is provided a method of managing memory in a mobile device comprising the steps of identifying one or more data objects stored in a volatile memory on the mobile device to be swapped out to a non-volatile storage component, determining objects marked as containing sensitive data, and retaining so-marked objects in the volatile memory of the mobile device.

Figure 5A