SYSTEM AND METHOD FOR PUBLISHING AND ACCESSING APPLICATION APIS ON A GENERIC TERMINAL

Abstract

Disadvantages with the current application interaction approach include: changes in configuration or version of a single software component often require the reinstall of a large number of dependent or related applications and previously installed software components are unable to communicate with software provisioned and installed at a later date. There is provided systems and methods for providing dynamic interaction between a pair of application programs by a platform neutral interface of a terminal, the pair of applications including a requestor application desiring access to a target application. One such method includes registering access information of the target application, such that the access information includes published access information made available in a data structure for retrieval by the platform neutral interface. This method further includes receiving an access request by the platform neutral interface from the requestor application, such that the access request includes request content corresponding to the published access information of the target application. The method proceeds further by obtaining an interface component by using the request content to search the data structure, such that the interface component is configured for enabling communication between the platform neutral interface and the target application in an access format expected by the target application. The method also includes employing the interface component by the platform neutral interface to satisfy the access request of the requestor application for interaction with the target application.

(Fig. 4)