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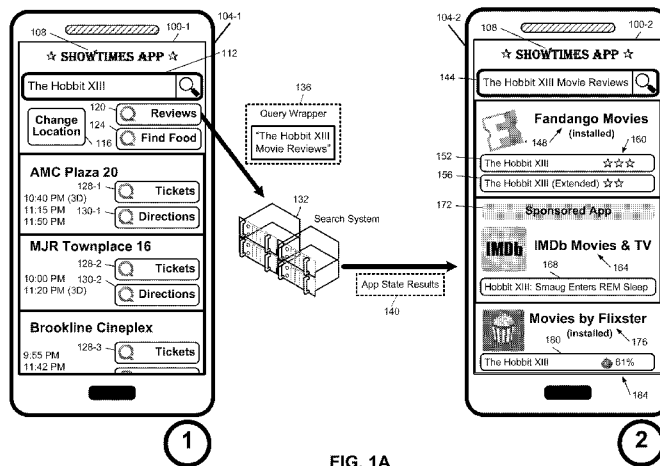


FIG. 1A

(57) Abstract: A system includes a user interface presented to a developer. The developer selects a first function to supplement functionality of a first application with external functionality available from third party applications. A code generation module provides a software object to the developer for incorporation into a first state of the first application. The first state includes a user interface element associated with an entity. User selection of the user interface element initiates preparation of a query wrapper including a combination of the entity's name and a predefined text string corresponding to the first function. The query wrapper is transmitted to a search system and a result set is received and displayed. A first item of the result set includes an access mechanism for a specified state of a target application. User selection of the first item causes the access mechanism to open the target application to the specified state.

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## INTERNATIONAL SEARCH REPORT

International application No.  
**PCT/US2015/051751****A. CLASSIFICATION OF SUBJECT MATTER****G06F 9/44(2006.01)i**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**Minimum documentation searched (classification system followed by classification symbols)  
G06F 9/44; G06F 3/048; G06F 9/445; G06F 17/30; G06Q 30/00Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Korean utility models and applications for utility models  
Japanese utility models and applications for utility modelsElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
eKOMPASS(KIPO internal) & Keywords: mobile, application, development, external functionality, query, code generation module, software object, query, wrapper**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2014-0282358 A1 (MICROSOFT CORPORATION) 18 September 2014 See paragraphs [0037]-[0039], [0052]; claim 11; and figure 1A.	1-70
A	US 2012-0233567 A1 (JARED ADAM BROWN et al.) 13 September 2012 See paragraphs [0015]-[0020], [0052]-[0053]; and figures 1, 5.	1-70
A	WO 2013-059605 A1 (GOOD TECHNOLOGY CORPORATION) 25 April 2013 See paragraphs [0088]-[0091]; and figure 9.	1-70
A	US 2012-0166276 A1 (PUSHKAR VIJAY CHITNIS et al.) 28 June 2012 See paragraphs [0046]-[0047], [0052]-[0057]; and figures 3, 5.	1-70
A	US 2014-0172840 A1 (MICROSOFT CORPORATION) 19 June 2014 See paragraphs [0071]-[0080]; and figures 5-6.	1-70

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2014-0282358 A1	18/09/2014	WO 2014-150102 A1	25/09/2014
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