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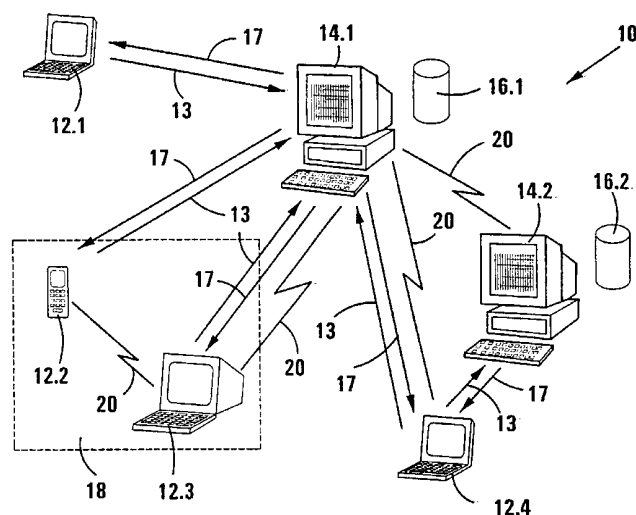
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(54) Title: SYSTEM FOR CONTROLLING A DISPLAY OF THE USER INTERFACE OF A SOFTWARE APPLICATION



(57) Abstract: This invention relates to a system (10) for controlling the display of a user interface of a software application. The system (10) includes an application server (14.1) for executing, upon request, at least one software application and display export means for exporting a user interface display of the at least one software application over a communications network. The system (10) also includes a client terminal (12.2) having a communication interface connected to the communication network, for receiving the user interface display, and a display means for displaying the user interface display. The system (10) also includes transfer means for transferring the user interface display from a first client terminal (12.2) to a second client terminal (12.3) without interrupting the operation of the at least one software application. The invention extends to a method of controlling the display of a user interface of a software application.



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/IB 01/01000

A. CLASSIFICATION OF SUBJECT MATTER

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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)

IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	<p>US 5 757 925 A (FAYBISHENKO YAROSLAV) 26 May 1998 (1998-05-26) abstract; figure 3</p> <p>column 4, line 54 -column 5, line 8 column 5, line 27 -column 6, line 43 column 7, line 62 -column 9, line 3 column 10, line 18 - line 41 column 13, line 66 -column 15, line 46 --- -/--</p>	<p>1-3, 27, 49 4, 8-14, 18, 21, 23-25, 28, 31, 32, 34-36, 38, 40, 41, 45</p>



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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G document member of the same patent family

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>SALBER D ET AL: "THE CONTEXT TOOLKIT: AIDING THE DEVELOPMENT OF CONTEXT-ENABLED APPLICATIONS"</p> <p>CHI '99 CONFERENCE PROCEEDINGS HUMAN FACTORS IN COMPUTING SYSTEMS. PITTSBURGH, PA, MAY 15 - 20, 1999, CHI CONFERENCE PROCEEDINGS. HUMAN FACTORS IN COMPUTING SYSTEMS, NEW YORK, NY: ACM, US, 15 May 1999 (1999-05-15), pages 434-441, XP000894249</p> <p>ISBN: 0-201-48559-1</p> <p>page 434, left-hand column, line 8 - line 18</p> <p>page 434, right-hand column, line 33 - line 36</p> <p>page 435, left-hand column, paragraph 5</p> <p>----</p>	1-49
A	<p>WO 97 28623 A (GOLAN GILAD ;ZANGVIL ARNON (IL); ZANGVIL AVNER (IL); MENTA SOFTWARE)</p> <p>7 August 1997 (1997-08-07)</p> <p>abstract</p> <p>----</p>	1-49
A	<p>WO 00 26803 A (OGILVY IAN CHARLES)</p> <p>11 May 2000 (2000-05-11)</p> <p>the whole document</p> <p>-----</p>	1-49

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5757925	A	26-05-1998	NONE	
<hr/>				
WO 9728623	A	07-08-1997	IL 116804 A	06-12-1998
			AU 1397097 A	22-08-1997
			WO 9728623 A2	07-08-1997
<hr/>				
WO 0026803	A	11-05-2000	AU 1531400 A	22-05-2000
			WO 0026803 A1	11-05-2000
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