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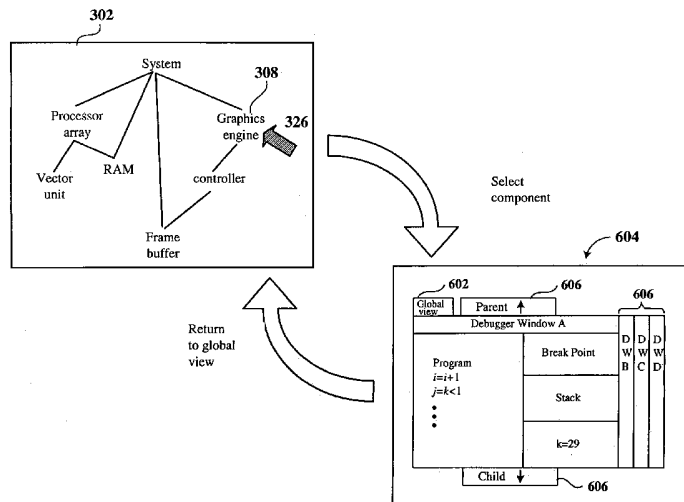
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(54) Title: METHODS AND SYSTEMS FOR GRAPHICALLY NAVIGATING WITHIN A DEBUGGER PROGRAM



(57) Abstract: A method for graphically navigating within a debugger program that enables examination of processing by components of a computing system is provided. In this method, a display of the components is generated that enables navigation to debugging windows of the components. The display and navigation methods may reflect a taxonomic organization of the components with hierarchical and peer relationships. The components are represented by graphical icons that may be selectable. If a selection of a component is detected, a debugging window for the selected component is generated, whereby the debugging window is configured to display a state of processes being handled by the component during execution of code for a program. Graphic user interfaces and a system for navigating within a debugger program also are described.

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INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER
INV. G06F11/36

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

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, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/056199 A1 (LI JUN [US] ET AL) 20 March 2003 (2003-03-20) abstract paragraphs [0002], [0003], [0010], [0015], [0055] paragraph [0192] - paragraph [0227] figures 1,12-14 <div style="text-align: center;">----- -/--</div>	1-24

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

* Special categories of cited documents :

<p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier document but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"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</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>"&" document member of the same patent family</p>
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Date of the actual completion of the international search	Date of mailing of the international search report
21 November 2006	27/11/2006

Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer <p style="text-align: center; font-size: 1.2em;">Sabbah, Yaniv</p>
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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.
X A	US 6 026 362 A (KIM THOMAS DONGSUK [US] ET AL) 15 February 2000 (2000-02-15) abstract column 1, line 18 - line 24 column 2, line 35 - column 4, line 5 column 9, line 13 - line 22 column 15, line 32 - line 44 column 16, line 34 - line 51 column 17, line 51 - line 55 column 19, line 16 - line 45 column 20, line 1 - line 7 figures 1,19,23,30,42	1-3,5-8, 10-12, 20,21, 23,24 4,9, 13-19,22
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A	US 6 421 072 B1 (KU WILLIAM HSIAO-YU [US] ET AL) 16 July 2002 (2002-07-16) abstract column 1, line 50 - line 57 column 4, line 27 - line 47 figure 3	1-24

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

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