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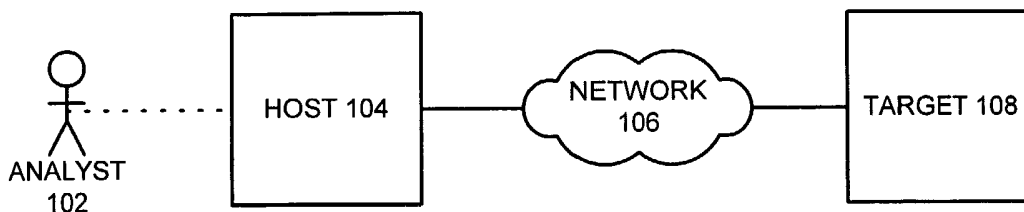
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD AND APPARATUS TO FACILITATE DEBUGGING A PLATFORM-INDEPENDENT VIRTUAL MACHINE



(57) Abstract: One embodiment of the present invention provides a system that facilitates debugging a platform-independent virtual machine. The system operates by providing an agent on the platform-independent virtual machine, which provides a set of functions for accessing variables in the platform-independent virtual machine. The platform-independent virtual machine is adapted to call the set of functions within the agent. Next, the agent examines the current state of the variables in the platform-independent virtual machine. The agent communicates the current state of the variables to a host machine. An operator of the host machine can then analyze the current state of the variables.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F11/36 G06F11/34

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)
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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, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	"REMOTE DEBUGGING AND VIEWING THE REAL-TIME STATUS OF PERL SCRIPTS" RESEARCH DISCLOSURE, KENNETH MASON PUBLICATIONS, HAMPSHIRE, GB, no. 440, December 2000 (2000-12), page 2111 XP001052449 ISSN: 0374-4353	1, 4-8, 11-15, 18-21
Y	page 1, line 4 - line 7 page 1, line 19 - line 25 page 2, line 8 - line 9 figure 1	2, 3, 9, 10, 16, 17
Y	US 5 901 315 A (EVANS DAVID H ET AL) 4 May 1999 (1999-05-04) column 4, line 4 - line 13 column 4, line 43 - line 54 figure 3	2, 3, 9, 10, 16, 17
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Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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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	WO 00 41078 A (EMC CORP) 13 July 2000 (2000-07-13) page 6, line 20 - line 28 page 7, line 1 - line 28 page 8, line 25 - line 27 page 9, line 2 - line 3 page 9, line 5 - line 8 page 9, line 26 - line 28 figures 3,4 -----	1, 6-8, 13-15

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 5901315	A	04-05-1999	NONE												
WO 0041078	A	13-07-2000	<table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">US</td> <td style="width: 35%;">6311326 B1</td> <td style="width: 50%;">30-10-2001</td> </tr> <tr> <td>EP</td> <td>1145125 A1</td> <td>17-10-2001</td> </tr> <tr> <td>JP</td> <td>2002534736 T</td> <td>15-10-2002</td> </tr> <tr> <td>WO</td> <td>0041078 A1</td> <td>13-07-2000</td> </tr> </table>	US	6311326 B1	30-10-2001	EP	1145125 A1	17-10-2001	JP	2002534736 T	15-10-2002	WO	0041078 A1	13-07-2000
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