



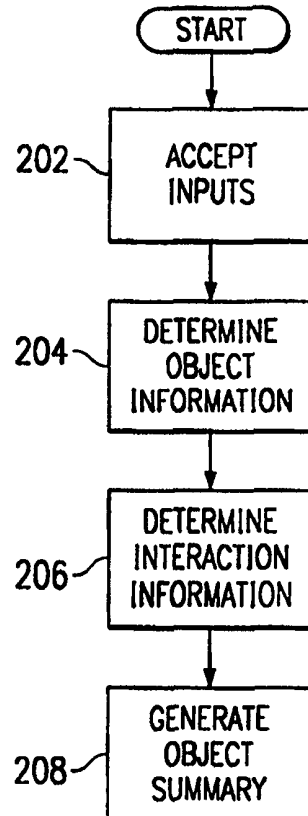
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<p>(21) International Application Number: PCT/US99/24961 (22) International Filing Date: 22 October 1999 (22.10.99) (30) Priority Data: 09/177,545 22 October 1998 (22.10.98) US (71) Applicant: ALCATEL USA SOURCING, L.P. [US/US]; 1000 Coit Road, Plano, TX 75075 (US). (72) Inventors: HURD, Donald, M., II; 1418 Abilene, Allen, TX 75013 (US). WELDON, Richard, S., Jr.; 5700 Caroline Court, Plano, TX 75093 (US). JACOBS, Lance, D.; 10916 Middle Knoll, Dallas, TX 75238 (US). (74) Agent: FISH, Charles, S.; Baker & Botts, L.L.P., 2001 Ross Avenue, Dallas, TX 75201-2980 (US).</p>		<p>(81) Designated States: AE, AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, EE (Utility model), ES, FI, FI (Utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (Utility model), SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p>Published <i>With international search report.</i></p> <p>(88) Date of publication of the international search report: 20 July 2000 (20.07.00)</p>

(54) Title: SYSTEM AND METHOD FOR SUMMARIZING A SOFTWARE PROGRAM

(57) Abstract

A method and system for summarizing object interactions in an object-oriented software program is disclosed. A plurality of tabular inputs containing information about the object interactions in a software system are input into a computer system. The system then determines object information and interaction information from the input information and generates an object summary from the object information and interaction information. The object summary may comprise an object summary matrix indicating instances of interaction between the objects of the software program and a plurality of message summaries that indicate messages sent from and sent to a particular object of the software program.



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INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 99/24961

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 G06F9/44 G06F11/14

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 590 277 A (FUCHS WESLEY K ET AL) 31 December 1996 (1996-12-31) column 2, line 35 -column 4, line 6	1-16
A	WO 96 11629 A (UNIV COLUMBIA) 25 April 1996 (1996-04-25) page 4, line 25 -page 7, line 10	1-16

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Date of the actual completion of the international search 14 April 2000	Date of mailing of the international search report 25/04/2000
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information on patent family members

International Application No

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