**PCT** WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6: G06F 17/30 — A1

(11) International Publication Number: WO 00/23919

(43) International Publication Date: 27 April 2000 (27.04.00)

(21) International Application Number: PCT/US99/24115

(22) International Filing Date: 15 October 1999 (15.10.99)

(30) Priority Data:
60/104,682 16 October 1998 (16.10.98) US

(71) Applicant *(for all designated States except US)*: COMPUTER ASSOCIATES THINK, INC. [US/US]; 1 Corporate Associate Plaza, Islandia, NY 11749 (US).

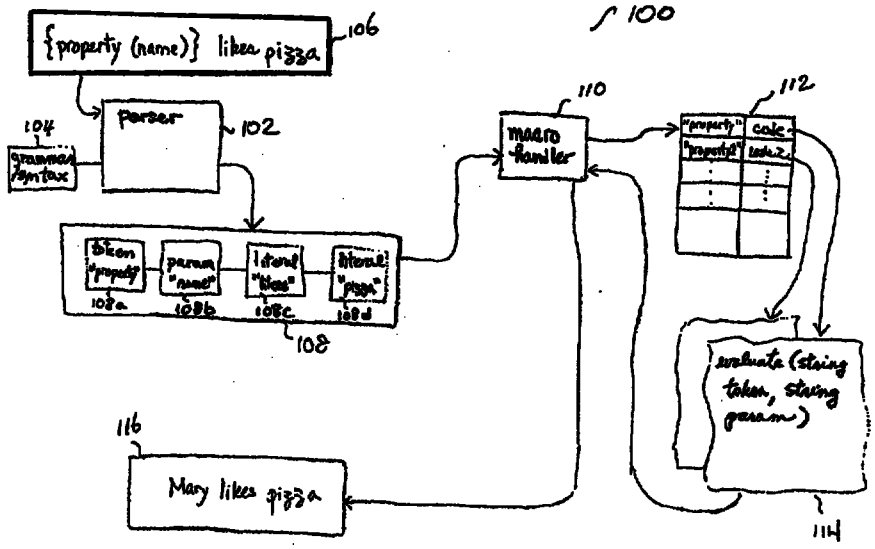
(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: DEFFLER, Tad, A. [US/US]; 457 Rockaway Street, Boonton, NJ 07005 (US). MINTZ, Eric [US/US]; 131 Woodbridge Avenue, Metuchen, NJ 08840-2030 (US).

(74) Agent: PARK, Eunhee; Baker & McKenzie, 805 Third Avenue, New York, NY 10022 (US).

(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HU, ID, IL, IS, JP, KE, KG, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, 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).

Published
*With international search report.*

(54) Title: METHOD AND SYSTEM FOR AN EXTENSIBLE MACRO LANGUAGE




(57) Abstract

A method and system for an extensible macro language is provided. The system for providing the extensible language includes a parser and a macro handler (110) for processing macro commands not previously defined in the macro language. The parser (102) analyzes keywords in a macro language expression and recognizes one or more keywords (116) representing macro commands that were not previously defined in the macro language. The macro handler (110) receives the keyword in the macro expression and retrieves from a registry of keywords, an executable code or procedure (112) associated with the keyword. The executable code (112) is run to process the macro command represented by the keyword. The template language registry may be argumented to include any keywords and associated codes for extending the macro language.