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(21) International Application Number: PCT/US00/07288 (22) International Filing Date: 17 March 2000 (17.03.00) (30) Priority Data: 09/273,149 19 March 1999 (19.03.99) US (71) Applicant: COMPUTER ASSOCIATES THINK, INC. [US/US]; 1 Computer Associates Plaza, Islandia, NY 11788-7000 (US). (72) Inventors: PINTAR, Kevin, M.; 554 Hillcrest Drive, Boling- brook, IL 60440 (US). BOLEN, Donald, L.; 1735 West Cloud Road, Phoenix, AZ 85027 (US). (74) Agents: PARK, Eunhee et al.; Baker & McKenzie, 805 Third Avenue, New York, NY 10022 (US).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, 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). Published With international search report.
(54) Title: GENERATING OPTIMIZED COMPUTER DATA FIELD CONVERSION ROUTINES <pre> graph TD 10[Application] -- "input and output field attributes" --> 20[Optimized Conversion Generator System] 20 --> 30[Generated Optimized Conversion Routines] 10 <--> 30 </pre> (57) Abstract A system (20) converts data from input field types to output field types. The system (20) receives a plurality of input attributes and output attributes from an application program (10), dynamically generates a plurality of data field conversion routines (30) for each set of input attributes and output attributes, and stores the plurality of data field conversion routines (30) in memory that is accessible to the application program (10).		