

Title (en)

METHOD FOR VISUALIZING INFORMATION IN A DATA WAREHOUSING ENVIRONMENT

Title (de)

VERFAHREN FÜR VISUELLE DARSTELLUNG DER INFORMATION IN EINER DATENLAGERUMGEBUNG

Title (fr)

PROCEDE DE VISUALISATION D'INFORMATIONS DANS UN ENVIRONNEMENT DE DEPOT DE DONNEES

Publication

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Application

EP 00906936 A 20000113

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Abstract (en)

[origin: WO0042530A1] According to the invention, techniques for visualizing customer data (103) contained in databases (6), data marts and data warehouses (8). In an exemplary embodiment, the invention provides a method for graphically analyzing relationships in data (103) from one or more data sources of an enterprise. The method can be used with many popular visualization tools (21), such as a On Line Analytical Processing (OLAP) tools (2) and the like. The method is especially useful in conjunction with a meta-model (103) based technique for modeling the enterprise data. The enterprise is typically a business activity (21), but can also be other loci of human activity (10). Embodiments according to the invention can display data from a variety of sources in order to provide visual representations of data in a data warehousing environment (8).

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IPC 8 full level

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Citation (search report)

- [X] US 5832496 A 19981103 - ANAND TEJWANSI S [US], et al
- [X] HOU J AND SHERMAN C: "Data Warehousing on HP3000 Using IMAGE/SQL-A New Alternative!", CONFERENCE HP WORLD'98, 2 August 1998 (1998-08-02) - 7 August 1998 (1998-08-07), San Diego, USA, XP002214273
- [X] INFORMIX SOFTWARE INC.: "Explorer User's Guide. MetaCube ROLAP Option for Informix Dynamic Server", January 1998, INFORMIX PRESS, MENLO PARK, CA, XP002214274
- [A] GUPTA V R: "An introduction to data warehousing", WHITE PAPER. SYSTEM SERVICES CORPORATION, August 1997 (1997-08-01), XP002204504
- [A] JIM GRAY ET AL: "Data Cube: A Relational Aggregation Operator Generalizing Group-By, Cross-Tab, and Sub-Totals", JOURNAL OF DATA MINING AND KNOWLEDGE DISCOVERY, NORWELL, MA, US, 1997, pages 29 - 53, XP002901286, ISSN: 1384-5810
- [A] VASSILIADIS P: "Modeling multidimensional databases, cubes and cube operations", SCIENTIFIC AND STATISTICAL DATABASE MANAGEMENT, 1998. PROCEEDINGS. TENTH INTERNATIONAL CONFERENCE ON CAPRI, ITALY 1-3 JULY 1998, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US, 1 July 1998 (1998-07-01), pages 53 - 62, XP010291092, ISBN: 0-8186-8575-1
- [A] CHAUDHURI S ET AL: "An overview of data warehousing and OLAP technology", SIGMOD RECORD, ASSOCIATION FOR COMPUTING MACHINERY, NEW YORK, US, vol. 26, no. 1, March 1997 (1997-03-01), pages 65 - 74, XP002115173
- See references of WO 0042530A1

Cited by

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