

Title (en)
RELATIONSHIP DATA MANAGEMENT

Title (de)
BEZIEHUNGS-DATENVERWALTUNG

Title (fr)
GESTION DE DONNEES DE RELATION

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Application
EP 06840362 A 20061229

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Abstract (en)
[origin: WO2007081666A2] Some embodiments provide a system for processing relationship data that expresses relationship between various entities. In some embodiments, the entities are entities associated directly with an enterprise. The entities in some embodiments described below also include entities associated indirectly with the enterprise through other entities. However, one of ordinary skill will realize that some embodiments might only track relationships between entities directly associated with an enterprise. In some embodiments, the system consolidates disparate relationship data sets that relate to the same set of entities. For instance, in some embodiments, the system includes several data storages that store relationship data. For at least two entities, at least two different data storages store two different relationship data sets that differently express the relationship between the two entities. The system includes a hierarchy manager that receives the two different relationship data sets and consolidates the two different relationship data sets into one relationship data set that best expresses the relationship between the two entities.

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Citation (search report)

- [X] US 2003167253 A1 20030904 - MEINIG KELLY [US]
- [X] EP 1118948 A2 20010725 - ACXIOM CORP [US]
- [A] WO 2005064491 A1 20050714 - SAP AG [DE], et al
- [A] US 6324541 B1 20011127 - DE L ETRAZ PARIS [ES], et al
- [A] POULRAJ PONNIAH ED - PONNIAH P: "DATA WAREHOUSING FUNDAMENTALS: A COMPREHENSIVE GUIDE FOR IT PROFESSIONALS. CHAPTER 12 DATA EXTRACTION, TRANSFORMATION, AND LOADING, CHAPTER 16 DATA WAREHOUSING AND THE WEB", 1 January 2001, DATA WAREHOUSING FUNDAMENTALS : A COMPREHENSIVE GUIDE FOR IT PROFESSIONALS, NEW YORK, JOHN WILEY & SONS, US, PAGE(S) 1 - 2, VII-, ISBN: 978-0-471-41254-0, XP002439035
- [A] RAHM E AND DO H-H: "Data Cleaning: Problems and Current Approaches", QUARTERLY BULLETIN OF THE COMPUTER SOCIETY OF THE IEEE TECHNICAL COMMITTEE ON DATA ENGINEERING, THE COMMITTEE, WASHINGTON, DC, US, 1 December 2000 (2000-12-01), pages 1 - 11, XP002284896, ISSN: 1053-1238
- [A] ELFEKY M G ET AL: "TAILOR: a record linkage toolbox", PROCEEDINGS 18TH. INTERNATIONAL CONFERENCE ON DATA ENGINEERING. (ICDE'2002). SAN JOSE, CA, FEB. 26 - MARCH 1, 2002; [INTERNATIONAL CONFERENCE ON DATA ENGINEERING. (ICDE)], LOS ALAMITOS, CA : IEEE COMP. SOC, US, vol. CONF. 18, 26 February 2002 (2002-02-26), pages 17 - 28, XP010588196, ISBN: 978-0-7695-1531-1
- See references of WO 2007081666A2

Cited by
US8150803B2; US8166048B2; US8271477B2; US8200622B2; US8583680B2; US8166071B1; US8433717B2; US8065266B2; US8392460B2; US8224873B1; US8327419B1; US8458230B2

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