



UvA-DARE (Digital Academic Repository)

On semi-automated matching and integration of database schemas

Ünal Karakaş, Ö.

Publication date
2010

[Link to publication](#)

Citation for published version (APA):

Ünal Karakaş, Ö. (2010). *On semi-automated matching and integration of database schemas*.

General rights

It is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), other than for strictly personal, individual use, unless the work is under an open content license (like Creative Commons).

Disclaimer/Complaints regulations

If you believe that digital publication of certain material infringes any of your rights or (privacy) interests, please let the Library know, stating your reasons. In case of a legitimate complaint, the Library will make the material inaccessible and/or remove it from the website. Please Ask the Library: <https://uba.uva.nl/en/contact>, or a letter to: Library of the University of Amsterdam, Secretariat, Singel 425, 1012 WP Amsterdam, The Netherlands. You will be contacted as soon as possible.

List of Abbreviations

AWT	Abstract Windowing Toolkit
CML	Conceptual Modelling Language
CN	Collaborative Network
CNO	Collaborative Networked Organization
COIN	COntext INterchange
COMA	COmbination of MAtching algorithms
DAG	Directed Acyclic Graph
DBMS	Database Management System
DDB	Distributed Database
DDBMS	Distributed Database Management System
DDL	Data Definition Language
DL	Description Logic
FOAM	Framework for Ontology Alignment and Mapping
GRQ	General Research Question
GUI	Graphical User Interface
ICT	Information and Communication Technology
IDE	Integrated Development Environment
JWNL	Java WordNet Library
MOMIS	Mediator EnvirOnment for Multiple Information Sources
MSL	Mediator Specification Language
MSNF	Mediated Schema Normal Form
NLP	Natural Language Processing

NOM	Naïve Ontology Mapping
ODL	Object Definition Language
ODMG	Object Data Management Group
OEM	Object Exchange Model
OKBC	Open Knowledge Base Connectivity
ONION	ONtology composition
OWL	Web Ontology Language
PORSCHE	Performance Oriented SCHEma mediation
PROTOPLASM	PROTOtype PLATform for Schema Matching
QOM	Quick Ontology Mapping
RDFS	Resource Description Framework Schema
RQ	Research Question
SDM	Semantic Data Model
SDML	SASMINT Derivation Markup Language
SF	Similarity Flooding
SIMS	Services and Information Management for decision Systems
TSIMMIS	The Stanford-IBM Manager of Multiple Information Sources
UML	Unified Modeling Language
VO	Virtual Organization
XDR	XML Data Reduced
XMI	XML Metadata Interchange
XSD	XML Schema Definition