Index

A
access control matrix 131
close accountability 131
Action Workflow 151
adult learning 166
application domain 83
application values 17
application-specific schema 254
availability 131, 187
axioms 234

C
carrier 1
classification models 57
classification system 57, 83
Clinical Document Architecture 205
Clinical Information Access Project 187
clinical problem solving 176
communication 83
concept representations 57
conceptualization 254
conditional equations 17
confidentiality 131
conflicts 83
context-dependent access control 151
continuing medical education 166, 176

D
data elements 205
decision support 96, 187
delivery of information 166
digital media 1
Directed Labeled Graph (DLG) representation 254
dissemination 187
distributed medical care 17
Document Type Definitions 38
dynamic link library 151

E
elements 38
encryption 131
end users 96
Entity Relationship (ER) 96
evidence-based medicine 166, 176, 187, 254
experiential knowledge 96
experiential learning 176
expert information 83
expert knowledge 83
explicit knowledge 1
eXtensible Markup Language 38, 205, 254
external representation 83

F
formal knowledge 96
functional-logic 17

G
groupings 83

H
healthcare application 131
herbrand terms 38
high-level querying 96
Horn clauses 38
HTML 38, 205
hypertext 205
hypertext paradigm 205
I
ICD-10 57
information base 176
information retrieval 166
instance description oriented query language 96
integrity 131
interactivity 1
internal representation 83
Internet 131
Internet security 151
interpretation 57

J
Java Servlets 151
Journal Club 254

K
knowledge 1
knowledge-based systems 17
knowledge base 38, 96
knowledge delivery 187
knowledge engineering 234, 254
knowledge identification 187
Knowledge Interchange Format (KIF) 1
knowledge management 1, 176, 187
knowledge media 1
Knowledge Query and Manipulation Language (KQML) 1
knowledge refinement 176
knowledge representation 57, 96
knowledge sourcing 187
knowledge transfer 176
KQML 17

L
language safety 151
learning 166
LISP 17
listservers 187
logic programming 38
logic variable 38

M
markup paradigm 205

MDDQL (Meaning Driven Data Query Language) 96
medical information 205
medical journal club 176
medical knowledge 187
medication analysis 83
medication synthesis 83
medication transformation 83
metadata 234
minimal integrative extensions 17
molecular rules 17
multi-agent architecture 17

N
navigation 96
non-determinism 17
non-ground terms 17
non-unit clauses 17

O
ontology 1, 234, 254
ontology definition language 254
organizational structure 1

P
patient database 96
performance 151
pharmaceuticals 83
POEMS (patient oriented evidence that matters 166
portability 151
privacy 131
problem solving 17
prolog 17, 38

Q
query system 205

R
RDFS 234, 254
relational algebra 234
RELFUN 17
representation problem 83
Resource Description Framework (RDF) 205, 234, 254
secure data storage 131
secure data transfer 131
secure sockets layer protocol 151
security 131, 151
security architecture 151
security measures 131
semantic navigation 254
Semantic Web 205, 254
semantically advanced query answering system 96
semantically advanced query language 96
semantics 96, 205
serialization 254
SGML 205
SHOE (Simple HTML Ontology Extensions) 38
SQL 96
standardization 83
structural information 205
systematic review 187
tacit knowledge 1
task planning 17
terminology base 96
Topic Maps 205
unconditional equations 17
unification 83
unit clauses 17
user interface 205
valued clauses 17
visual query language (VQL) 96
visual query systems (VQS) 96
W3C 205
workflow management 131
workflow systems 151
XML 38
XML namespace 234
XML query languages 38
XML-QL 96