

Index

A

access control matrix 131
 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

S

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

T

tacit knowledge 1
 task planning 17
 terminology base 96
 Topic Maps 205

U

unconditional equations 17
 unification 83
 unit clauses 17
 user interface 205

V

valued clauses 17
 visual query language (VQL) 96
 visual query systems (VQS) 96

W

W3C 205
 workflow management 131
 workflow systems 151

X

XML 38
 XML namespace 234
 XML query languages 38
 XML-QL 96