Index

A
Absolute Validity Interval (AVI) 209
Adaptive Case Management (ACM) 12
Advanced Measurement Approach (AMA) 182
agility 2
Amnesic Terminal (AT) 208
Android 83
AndStore 95
Artificial Neural Networks (ANN) 176, 187
Australian Competition and Consumer Commission (ACCC) 223
Australian Guidelines for Electronic Commerce (AGEC) 221
Australian Securities and Investments Commission (ASIC) 223
Australian Security Intelligence Organisation (ASIO) 223
Automated Teller Machine (ATM) 178
automatic service composition 255

B
B2C e-commerce systems 73
evolution of web apps in 74
Bangladesh 383
Bayesian Networks (BN) 192
blogs 317
both sides controller 79
broadcast approach 205
broadcasting 213
Broadcast Timestamp (TS) 208
business model (BM) 100, 102, 107
business model innovation (BMI) 100, 103-104, 107, 109, 116, 118
Business Process Management (BPM) 3, 11, 136
Business Rules Processing Unit 290
business-to-business (B2B) systems 270
business-to-consumer (B2C) systems 270

C
C4.5 algorithm 186
cache consistency 206
causal modeling 184
Central Management Unit 290
charge back/refund 219
China 384
client-server architectures 269
collaboration 3
collaborative network (CN) 5
collaborative networked organization (CNO) 1, 3
comparative advantage 4
competitive advantage 4
consumer types 160
data interpretation service 291
distruptive benefits (DI) 104, 118
distruptive innovation theory 104
distruptiveness 105
distruptive technologies (DT) 101
Dojo 82

data caching 206
data dissemination techniques 205
data interpretation service 291
data management 78
Data Warehouse 290
Decision Tree (DT) 185
Disruptive Innovation (DI) 104, 118
Disruptive Innovation Theory 104

D

data caching 206
data dissemination techniques 205
data interpretation service 291
data management 78
Data Warehouse 290
Decision Tree (DT) 185
Disruptive Innovation (DI) 104, 118
Disruptive Innovation Theory 104
Disruptiveness 105
distruptive technologies (DT) 101
Dojo 82
dynamic business network process management (DBNPM) 25
Dynamic E-business Governance (DEG) 33
Dynamic Enterprise Reference Grid (DERG) 33-34
dynamic markets 251

E

e-atmospherics 335
e-banking 176-178, 180
  challenges 180
  risk management process 182-183
  risks 181
e-business 22, 158-159, 249, 252, 255, 266, 270, 359
  advanced planning 337
  deployment process 398
  event/response traditions 247
  highly adaptive products 257
  niche market focus 246
  overview 23
  planning 331
  strategy 23
  traditional practices 334
  vision perspective 398
e-business layer 273
e-business maturity 400
e-commerce 218
e-government 268, 271, 361-362
  external efficiency 364
  internal efficiency 363
  main functions 363
  points of view on 366
  principles/structure 362
  principle strategies 368
  strategy analysis 365
e-government layer 272
Electronic Recording Method of Accounting (ERMA) 178
electronic retailing (e-tailing) 297-299
  challenges 303
  opportunities 299, 302
e-marketing
  problems with 249
Enterprise 2.0 135, 144
enterprise adapter module 290
enterprise content management (ECM) 40
Enterprise Resource Planning (ERP) systems 21, 29,
  47, 133, 150, 152-153, 248
  constraints 133
entrepreneurship development 356
ErGo system 15
e-security 220
E-Security Coordination Group 223
ethical compliance 256
extended enterprises (EE) 22
external services 9
Ext JS 82

F

façade services 9
Flex 82
flexibility 134
flexible informal interactions 134
fuzzy inference systems 189
fuzzy rules 191
FXStore 91

G

GCS E-Business Maturity Framework 409

I

India 385
informal organization 134
information and communication technologies (ICTs) 379
information markets 319
infrastructure layer 273
innovation 380
integrated video 73
intelligent products and delivery 257
intent 249
internal services 9
Internet adoption
  for online shopping 300
Invalidation Report (IR) 213

J

JavaFX 83
JavaScript 81
jQuery 82

K

key benefits for
  business entities 80
  developers 81
  shoppers 80
Index

Key Performance Indicators (KPI) 13, 141
Key Risk Indicators (KRIs) 184

M
mashups 319, 327
master production scheduling (MPS) 42, 134
material requirement planning (MRP) systems 134
mobile computing environment 205
Mobile Computing (MC) 204
limitations 205
MooTools 81
Multicast Data Dissemination (MDD) 210
multicast protocols 213

N
National Information Infrastructure (NII) 222, 403

O
on-demand approach 205
one-stop government 268, 276
one-stop paradigm 268, 276
online scams 165
online security incidents 218, 234
online shopping scams 167
ontology-driven profiling 255
open innovation (OI) 377-378

P
Paradox of Context 400
payment security 219
pharming 219
Phases Process RIAs Development called PPRD 90
phishing 219
PIM dense mode (PIM-DM) 212
PIM sparse mode (PIM-SM) 212
Point of Single Contact (PSC) 267-268, 274, 294
Portal 290
production data management (PDM) 134
product selectors 73
PRO Processor 289
Prototype 81
PSC implementation 274
public institution adapter 290
Q
Qooxdoo 82

R
regulatory compliance 256
report archiving module 290
Rich Internet Applications (RIAs) 72, 77, 83
basic concepts of 77
software development methodologies 83
Rico 82
RSS technologies 318

S
scams 163, 220
security issues 219
Security Module 290
semantic composability 255
semantic-driven computation 255
Server Management Objects (SMO) 290
service choreography 3
service orientation 2-3
Service Oriented Architecture (SOA) 22, 269
Service-Oriented Virtual Organization Breeding Environment (SOVOBE) 1, 3
Signature (SIG) 208
Silverlight 83
small and medium enterprises (SMEs) 166, 378
policy strategies 383
Small Business Innovation Program 390
social aspects 2
social knowledge sharing 149
social media 316, 321
social media integration 321, 325
social networking sites 317
social networks 249, 251, 254, 257
as niche markets 246
exponential growth 247
Social Network Schema (SNS) 17
social tagging 318
South Africa 385
Strategic Business Zones (SBZ) 357
streamlined shopping cart 73
supply chain integration (SCI) 27
Supply chain management (SCM) 27, 31, 134

T
TAC SCM Agents 64
TAC Supply Chain Management 59
TAC Travel 58
TAC Travel Trading Agents 62
Trading Agent Competition (TAC) 57, 71
market scenarios 57
research questions 57
transactional services 271
U
Uganda 386
user contributed content 320

V
vertically integrated enterprises (VIE) 22, 27
virtual enterprises (VE) 5, 22, 28-29
virtual organizations 5
virtual teams 5

W
Web 1.0 315, 320
Weblogs 317
Wikis 318

X
X-Library 82

Z
Zoomlion 35