

Index

A

activity-based methodologies 156
ad hoc workflow 151
administration workflow 151
advanced planning and scheduling
(APS) 8
application-functionality 22
argument gaming formalism 137
argumentation-based system (ABS)
137
argumentative reasoning facilitation
system (ARFS) 130, 137

B

B2B commerce 314
build-to-order (BTO) 288
Bulletin Board 25
business collaboration 5
business ethics 313
business process 155
business-driven technologies 10
business-to-business (B2B) 288
business-to-consumer (B2C) 288

C

c-commerce 3
C-CUBED prototype tool 36
capacity lost cost (CLC) 301
case management 152
chat 25
claims-argument-proposals (CAP) 136
collaboration systems 23
collaborative commerce (CC) 1, 150,
183, 189, 313, 328
collaborative commerce model 4, 315
collaborative cooperation 314
collaborative decision-making (CDM)
123
collaborative engineering 87
collaborative filtering 128
collaborative forecasting and replenish-
ment (CFAR) 2
collaborative group work 227
collaborative planning, forecasting, and
replenishment 2, 261, 289
collaborative product commerce (CPC)
53, 59
collaborative product development
(CPD) 53, 88

collaborative software 23
 collaborative systems 127
 collaborative systems functions 24
 collaborative technologies 126
 collaborative transportation 285
 collaborative transportation management (CTM) 286
 collaborative workflow 153
 collective responsibility 231
 communication 19, 232
 communication process 232
 communication systems 23
 communication-based methodologies 156
 complexity reduction 56
 computer-supported collaborative work (CSCW) 124
 concurrent engineering (CE) 1, 9, 88
 concurrent engineering principles 95
 concurrent enterprise 90
 configuration-to-order (CTO) 288
 continuous replenishment programs (CRP) 8, 261
 cooperation 19
 coordination 19, 127
 coordination formalism 137
 coordination systems 23
 CORBA 13
 cost reduction benefits 266
 CPC portal server 60
 CPC portal users 60
 customer relationship management 161
 customer-driven technologies 7
 customer-oriented service strategy 5
 CyberReview 78

D

descriptive model 133
 design for environment (DFE) 97
 design for manufacturability (DFM) 97
 design for X (DfX) 97
 design of experiments (DOE) 97
 "Design Review" business process 76
 dialectic decision support 126, 133
 digital information intensive 321

discussion strategy support 126
 document-centric architecture 157

E

e-business adoption 1
 e-collaboration 19
 e-commerce 160
 e-learning 222
 e-learning communities 235
 e-learning environments 224
 e-marketplace 317
 early product definition 66
 electronic business solutions (EBSs) 53, 63
 electronic calendars 26
 electronic collaboration 19
 electronic data interchange (EDI) 269
 electronic mail 25
 electronic procurement hubs 264
 Enron 314
 enterprise architectures 87
 enterprise portal 59
 enterprise resource planning (ERP) 4
 epistemology 226
 ethical failure model 313, 324
 ethics 322
 explicit knowledge 186
 extended enterprise resource planning (EERP) 259

F

failure model and effects analysis (FMEA) 97
 file and document sharing 26
 first-tier buyer (FTB) 319
 functional-integrated technologies 9

G

general knowledge trading 195
 global supply chain (GSC) 286
 global supply chain management 285
 global third-party logistics (3PL) 286
 group decision support systems 127
 group facilitation 127
 group work 127

groupthink 130

H

human resources integration 95

I

identity construction 238

identity formation 235

information and communication technology (ICT) 54

information process 155

information sharing 183

information technology (IT) 151, 293

input process output (IPO) 325

intelligent product manuals 70

interorganizational information systems (IOS) 259

intra-organizational knowledge networks 193

iterative routing 6

J

just-in-time knowledge 231

K

KNOWLaboration 208

knowledge 185

knowledge assets 183, 190

knowledge base 125

knowledge building 232

knowledge combination 202

knowledge externalization 201

knowledge internalization 201

knowledge management 185

knowledge networking 183, 185, 187

knowledge repositories 126

knowledge socialization 200

knowledge supply 194

knowledge-based systems (KBS) 137

L

learning 225

learning community 223

learning networks 196

M

MADE 54

manufacturing excellence models 92

material process 155

mathematical programming model 301

meeting scheduling tools 26

membership-based knowledge networks 193

message-based systems 264

messaging-based architecture 157

N

networked collaborative e-learning 222

Next Generation Manufacturing (NGM) project 93

O

offline auctions 269

online collaboration 23

ontology 132, 226

open knowledge source 192

operating cost (OC) 301

P

parallel routing 6

partnership defects 328

partnership dependent 321

personality weakness 327

phone/fax/e-mail systems 268

physical weaknesses 327

physiological weaknesses 327

platform defects 328

point of sale (POS) 290

policy defects 328

prescriptive model 133

presentation capability 26

procedure defects 328

process modeling 155

producer 319

product data exchange 107

product development/design process (PDP) 56

product realization process (PRP) 56

production architecture 156

production workflow 151
 protocol defects 328
 psychological weaknesses 327
 pull-type supply chain 1

Q

quality function deployment (QFD) 97

R

recommender systems 128
 RosettaNet 14

S

sales force automation (SFA) 8
 screen sharing 26
 second-tier buyer (STB) 319
 selective routing 6
 sequential routing 6
 shared collaborative systems 264
 sharing of point-of-sale (POS) 261
 STAR 77
 STEP 12
 strategic analysis 91
 strategy formulation 91
 strategy implementation 91
 supplier chain integration 69
 supply chain 8
 supply chain collaboration 258, 263
 supply chain management (SCM) 162,
 287
 supply chain management information
 systems 258
 synchronous work on files 26
 system dominant 321

T

tacit knowledge 186
 “tag team” design 55
 Taguchi methods 97
 task list 26
 total cost of ownership (TCO) 267
 trade exchanges 269

U

unit load device (ULD) 300

V

vendor-managed inventory (VMI) 8, 261
 virtual classroom 232
 virtually extended enterprises 55

W

web-based decision Supports 58
 whiteboard 25
 WIT architecture 203
 WIT toolkit 203
 work breakdown structure (WBS) 57
 workflow 151
 workflow application architectures 156
 workflow collaboration 1, 150
 workflow loop 156
 workflow management 26
 workflow management system (WFMS)
 6, 150
 workflow standards 157
 “workflowable” process 152