Index

A
abstract explanations 40
accounts-payable department (AP) 82
adapt 161
advertising representation 108
agents 266
Apply 161
argumentation 206
articulate needs stage 103

B
balanced variation 178
benefits 228
black box view 169
breeding variations 175
business consulting companies 244
business knowledge 72
business knowledge management 72

C
central repository 170
chaining behaviour 103
change process patterns 74
chat virtual community 289
classical value chain 157
client-service/service provider interaction 101
client/server 187
client/server architecture 191
climate 159
collaborative engineering processes 166
collaborative information seeking 98, 99, 106
collaborative learning 233
combination 199, 207
combining knowledge (combination) 237
computer database 17
computer supported collaborative work (CSCW) 98, 109
concept mapping 25
concrete registrations 40
configuration 162
contingency perspective 17
corporate memories 24
corporate memory management 160
countermeasures 127
cross-functional teams 63
cross-organizational knowledge sharing 167
cultural assessment 90
culture 159
customer knowledge 144

daily operations 159
data 15
data capture 32
death spiral 4
decision support systems 18
decision tables 76
descriptor 74
destination 276
developing knowledge (development)  236
dialectic of control  3
diffusing  17
direct questioning  108
directory model  139
discovery  255
distributed, fragmented repositories  170
distributed, replicated repositories  170
distributing knowledge (distribution)  236
diversity  42
diversity of memory contents  38
document sources  273, 275
dominant incentives  250

electronic commerce  98
Electronic Performance Support System (EPSS)  161
elicit  161
embedded knowledge  197
embodied knowledge  197
embrained knowledge  197
emerging networked systems  270
empirical investigation  49
encoded knowledge  197
encultured knowledge  197
engineering data  169
engineering processes  166
Enterprise Knowledge Development (EKD)  72
Enterprise Resource Planning (ERP)  79
ERP-Based Knowledge Transfer  79
evaluate  161
evaluating information  105
evaluation criteria  76
evolutionary development  44
experience factory  167
expert virtual community  289
explicit knowledge  30
externalization  198, 207
extrinsic motives  247

F
Federal Government Organizations  88
file retrieval agents  275
find  161
focus  161
focused knowledge management systems  18
formal presentation stage  105
formulation stage  103
free agents  8
functionalist  196

G
generative processes  199
geographically dispersed cross-functional teams  60
group-support tools  62
group/collaborative interaction  101
guidelines  74

H
human capital  259

I
identify problem stage  103
immaterial incentives  247
incentive systems  246, 250
incremental development  44
information  15
information (knowledge)  255
information architecture  159
information context  107
information ecology (IE)  255
information gatherer  107
information indexer / abstracter  107
information laws  254
information management technology  108
information manager  114
information needs  102
information referrer  107
information reservoir (IR)  255
information retrieval (IR)  104, 271
information retrieval agents  274
information satisfaction  105
information seeking  99, 108
information seeking instigator 107
information seeking patterns 107
information technologies (IT) 117, 234, 267
information verifier 107
informational orientation 195
informational perspective 195
initial actions 64
initiation stage 102
innovation 145
innovative learning 179
innovative virtual community 290
integrating problem solving 199
intelligence 15
Intelligent Synthesis Environment (ISE) 91
interactions 101
internalization 199, 207
interpretive perspective 196
intrinsic incentives 247
IT infrastructure 42
IT-capability 42

K

knowledge 15, 30, 196, 297
knowledge acquisition 51
knowledge artifacts 24
knowledge assets 158
knowledge benefits 225, 228
knowledge capital 120
knowledge creation 217, 304
knowledge database 19, 32, 124, 125
knowledge directory 187
knowledge distance (KD) 178
knowledge domains 179
knowledge economy 144
knowledge generation 17, 225
knowledge growth 259
knowledge integration 60, 63
knowledge integration issues 61
knowledge intrapreneurs 8
knowledge management 1, 2, 3, 23, 24, 28, 60, 88, 98, 154, 155, 159, 188, 233, 234, 244, 245, 281, 282, 297, 3111
knowledge management architecture (KMA) 25
knowledge management support 233
knowledge management system 14, 17, 18, 20, 30, 114, 187, 190, 195, 200
knowledge manager 114
knowledge mapping 23, 25
knowledge navigation 158
knowledge organizations 28
knowledge orientation 159
knowledge perspective 74
knowledge processes 282, 304
knowledge repositories 24
knowledge retention/protection 304
knowledge reuse 24
knowledge sharing 166, 206, 207, 304
knowledge sharing behavior 2
knowledge transfer 80
knowledge transmission 118
knowledge work 195, 198
knowledge-based innovations 147

L

laboratory equipment 31
leadership 160
Librarian 114
LiveNet 63
loose-tight knowledge management systems 5

M

macro-information ecology 255, 258
magnitude of proposed change 160
managers 154
market capitalisation 49
market growth 259
material incentive 247
member distance 178, 180
memory resources 39
mobile agent 269, 273, 274
motivation 246

N

National Health Service (NHS) 311
needing stage 102
non-linear scenarios 44
O
OM requirements 236
OM scenario 236
OMIS 38
OMS Design Issues 269
operational fit 18
optimize 161
organisation knowledge 144
organization culture 18
organizational activities 225
organizational boundaries 166
organizational controls 1, 8
organizational knowledge management 1, 266
organizational learning 175, 225, 226, 236
organizational memory (OM) 40, 168, 233, 234, 235, 267
organizational memory content 38
organizational memory information systems 377
Organizational Memory Systems (OMS) 269
organizational patterns 72
organizational resource 196
organizations 5, 160, 225, 266
organize 161
outcomes stage 105

P
pattern evaluation 77
pattern identification 73
personality domains 179
potential resources 175
Press Center Model 140
problem solving literature 210
product patterns 74
productive processes 199
Professional Distance (PD) 179
Professional Service Firms (PSF) 124
project browser 171
project context 167
project database 167
project knowledge sharing 167
project memory 167
project server 171
project views 169
purchasing department (PU) 82
pure knowledge systems 18

R
reasoned argument 208
registry 274
remote rural communities 212
representative processes 199
reuse database 167
right balance 175

S
securing knowledge (storage) 236
segmented networks 175, 181
semi-confusing information systems 6
sensemaking 60, 65
densemaking modules 65
share 161
shared terminology 66, 67
sharing 32
sharing knowledge 145
signature 74
similarities 175
socialization 198, 207
specific ending behaviour 105
starting stage 103
Strategic Learning Partnerships (SLPs) 182
stroke-wise development 44
structural context 107
structural gateway 107
structural perspective 107
structuring 17

t
technical flexibility 85
technological infrastructure 135
technological status quo 172
technology 15
time instants 240
trading of advertisements 108
traditional information 18
transformation 118