Index

account management 116 definition of 127 documentation as integral part of 7 accountability 54 active server pages (ASP) 82 evolving 8 ad hoc adjustments 44 better, faster, cheaper 40 adaptive infrastructure 110 brain trust, as aspect to a COE organization 49 bridging mechanisms, examples of 46 application COE, characteristics of 74 application implementation infrastructure 75 buckets 71 application services 115 business continuity 74 applications business relation management (BRM) 116 managed 103 three phases of 117 transactional 81 asset center 71 Capability Maturity Model (CMM) 5 asset inventory 71 Carnegie-Mellon University audience, as reporting system factor 98 Software Engineering Institute (SEI) 5 automation 15, 56 center of excellence (COE) 10, 16, 20, 32, 40, 56 as linchpin of business model 27 application center 192 level of 23 artificial 52 level of, within a process 18 asset center 194 automation technology 126 command center 196 as process attribute 18 customer advocacy center 198 automation tools, recognition of 54 data and media center 200 engineering support center 202 baseline 10, 29 outsourcing center 204 benchmarking 114 security 206 best practices spawning RRTs from 77 as repeatable 7

center of excellence (COE) (continued)	e-Business 41		
supplementary 67	efficiency enhancements 70		
various types of 47	enablers 32, 33		
change	enterprise applications 80		
as nemesis to mature processes 15	enterprise resource planning 41		
as related to innovation 45	execution efficiencies 63		
change management 33, 76	executive management 97		
as example of gap analysis 30	expectations		
change-tolerant 73	adhering to milestone 54		
charge-back 8, 11	external fit 27		
client expectations, exceeding 51			
CMM Ratings	facilitators		
Level 1—Ad Hoc Random 24	operations groups as 52		
Level 2—Repeatable 25	fault management 67		
Level 3—Defined 25	fault-tolerance 69		
Level 4—Managed 26	firefighting 69		
Level 5—Optimized 26	focus, as element of COE 64		
COE brain trust 76	framework, analytical reorganization 60		
COE template 59	functional gaps 36		
command COE, characteristics of 69	futures 127		
communication mechanisms 120	as process attribute 19		
comprehensive cost analysis 72	1		
consumption constituency 105	gap analysis 11, 29, 31, 77, 89		
continuous improvement 44	Global 2000 116		
contracts and terms and conditions (Ts&Cs) 72	goals 22		
cost	identifying business goals 53		
analysis 106	granularity		
as prioritizing factor 37	level of, for a task 14		
pools 111	groups, task-based 57		
recovery 107	groupthink, avoiding 38		
variability 110	group times, avoraning oo		
cowboy programming 5	hala dada		
cross-process integration	help desk		
as process attribute 19	tight integration with 70		
cultural gaps 36			
customer relationship management 41	identification, root-cause 69		
	impact analysis 71		
dashboards 21	Information Technology (IT) 1		
Data and Media (D&M) 73	infrastructure		
define, as element of COE 64	decisions about 114		
denial, anticipating 39	managed 103		
dis-intermediation 102	infrastructure planning 14		
disk storage management 73	instant messaging 84		
displacement strategy 72	integration points 34		
documentation, lack of 2	inventory, lack of 2		

IT	model
annual report 120	time and materials (T&M) 109
functions, four core 116	
marketing 116	negotiations 72
marketing plan	network management 90
the five points of 123	network management oo
metrics 90	00 1 0 11 0 0
as raw material for metrics 88	one-off, definition of 3
mapping to Business Metrics 92	online analytical processing (OLAP) 82
modified 93	online transaction processing (OLTP) 81
operations	operational control 25
best-of-breed 32	operations
catalog of 10	definition of 1
obstacles for 2	process horizontal 46
organization	output management 74
marketing the 115	outsourcing 102
public relations campaign for 122	selective 57
scorecard 95	
scorecard ou	patterns 79
I (ICD) 00	1-Tier Transact 81
Java server pages (JSP) 82	2-Tier Transact 81
job scheduling 14	3-Tier Transact 82
	Client/Server Publish 82
key performance indicators 21	Collaborate 81
	Publish 81
level of detail 19	Real-Time Collaborate 83
lifecycle	Store-and-Forward Collaborate 84
application development 78	Stream Publish 83
line of business (LOB) 24, 52, 75	Transact 81
, , , , , , ,	Web Publish 83
major broakthroughs 44	physical database management 74
major breakthroughs 44	planning
management	as strategic function 72
commitment of as critical success factor 45	instituting strong 63
end-to-end 56	platform automation 23
management initiatives	practices
internal and external 56	better versus best 4
mapping	predictability
process-to-COE 65	facilitating 103
mean time to repair (MTTR) 69	price model 108
META Group 4, 24	pricing strategy 111
metrics 56, 87, 106, 115	procedural gaps 36
as process attribute 19	procedural gaps 30 procedures
business 71	rapid assimilation 78
definition of 7, 127	
identification and tracking of 22	process aggregation 64
identifying 53	attributes 17
ongoing reporting of 98	bundling 61
quantifiable 118	catalog 19
SLA metrics 25	catalog 19

process (continued)	role			
clusters 69	BRM account managers 117			
defined purpose of 18	business manager 85			
definition of 13	Business-to-IT liaison 33			
end-to-end 45	capacity planner 72			
groupings 56	change coordinator 33			
integration 46	change specialist 33			
management 5	chief financial officer (CFO) 71			
name 18	chief information officer (CIO) 115			
orientation 5	consultant 4			
ownership 47	cowboy programmer 5			
performance	impact-assessment specialist 33			
as critical to operational excellence 23	IT manager 1, 10, 91, 101			
refinement 33, 40	IT personnel 94			
reform 43	operational specialist 78			
relevance	operations staff 46			
changing over time 42	owner 46			
seams 64	process owner 47			
silos 45	relationship manager (RM) 116			
process innovation 43	technology manager 73			
process integration 127	<i>G</i> . <i>C</i>			
Process Maturity Modeling (PMM) 21, 23	scenario planning 39			
processes	scope, of gaps 37			
commoditized 27	serialized tasks, definition of 14			
key IT end-to-end 60	service level agreement (SLA) 8, 11, 25, 71,			
process-information flows	101, 117			
definition of 54	service levels, structuring 105			
product catalog 103, 113	service productization 101			
product model 105	service value agreement (SVA) 27			
productivity	services			
losing, in transition 62	adjunct 64			
productization 103	managed 103			
purchasing power	silos 69			
leverage aggregation of 74	skills 18. 126			
	skills centers 56			
quality improvement, as continuous process 87	skills gap analysis 58			
quantitative IT metrics 96	smart PC 81			
1	software development 5			
rapid response team (PDT) 40, 76	stability			
rapid-response team (RRT) 49, 76 related tasks, definition of 15	level of, in a process 18			
	staff,			
relevance, as key process attribute 43 research	leveraging 50			
as element of COE 63	staff awareness 25			
	staffing 126			
of a company's best practices 7	as process attribute 18			
return on investment (ROI) 7	staffing issues			
reusability 80	related to COEs 57			
road map 47, 60				

standards 49
stepwise 27
stickiness
of a Web site 83
storage management 13
stovepipe 40, 50
applications 56
stovepipe applications 19
structural gaps 36
structured collaboration 84
surveys, using 95
systems integrator (SI) 76

tape management 74
tape retrieval 13
target, definition of 29
task, definition of 13
tasks 18, 126
manual and automated, as balance of operational processes 27
ownership of 41
team programming 5
term of art, definition of 3
three fundamental steps 9
tools and platforms

end-user tools 114 Lotus Notes 84 NetMeeting 84 Oracle 9 107 Peoplesoft v8 82 PERL 3 PowerBuilder 82 RealAudio 83 SAP R/3 82 SQLNet 82 UNIX 23, 107, 112 Visual Basic 82 Voice Over Internet (VoIP) 84 Windows 2000/.NET 23, 107, 112 Windows Media Player 83 XML 83 Total Quality Management (TQM) 8 trend analysis 88

value contribution, as key process attribute 43 vertical management structures, related to lateral coordination 46 vision creation 62

wide-area network (WAN) 81