

# CONCEPT INDEX

Concept Number	Concept Name	Page
X*001	Aim	324
*002	Assumption	328
*003	Attribute	329
*003 Syn	Characteristic	329
*003 Syn	Property	329
*004	Author	330
*004 Syn	Specification Writer	330
*004 Syn	Writer	330
*005	Authority	330
*006	Basis	329
*006 Syn	Base	333
*006 Syn	Foundation	333
*007	Benchmark	333
*008	Sum of Performance	See website & IE *283
*009	Benefit	334
*009 Syn	Gain	334
*010	Performance to Cost Ratio	334
*013	Check, To [SQC]	See SQC *051 & website
*014	Checker	See website & SQC *051
*015	Checking Rate	336
*016	Checklist	336
*018	Note	379
*018 Syn	Comment	379
*018 Syn	Remark	379
*019	Special Causes	See website
*019 Syn	Chance Causes	See website
*020	Common Causes	See website
*020 Syn	Assignable Causes	See website
*021	Complex	337
*022	Component	See website
*022 Syn	Element	See website
*024	Condition	338
*024 Syn	Conditional Term	340
*024 Syn	Pre-Requisite Condition	340
*025	Critical Failure Factor	See Critical Factor *036 & website
*026	Requirement	400
*028	Control Limits	See website
*029	Control Chart	See website
*030	Language	389
*030 Abbr	PL	389
*030 Syn	Planning Language	389

## 450 Concept Index

Concept Number	Concept Name	Page
*033	Cost	344
*033 Syn	Expense	344
*033 Syn	Price	344
*034	Price of Nonconformance	See website
*035	Credibility	345
*036	Critical Factor	345
*038	Consumer	See website
*038 Syn	Customer	See website
*041	Defect Detection Process	345
*041 Acron	DDP	345
*042	Defect Prevention Process	346
*042 Acron	DPP	352
*043	Specification Defect	See Error *274 & website
*043 Abbr	Defect	See Error *274 & website
*044	Definition	346
*044 Syn	Defined	347
*044 Syn	Defined As	347
*045	And	325
*046	Design Process	351
*047	Design Idea	350
*047 Syn	Design	351
*047 Syn	Means	351
*047 Syn	Proposed Solution	351
*047 Syn	Strategy	351
*048	Target	430
*048 Syn	Target Level	438
*049	Delivery Cycle	See Result Cycle *122 & website
*049 Syn	Delivery	See Result Cycle *122 & website
*051	Specification Quality Control	419
*051 Acron	SQC	420
*051 Syn	Inspection	371
*051 Syn	Peer Review	420
*052	Downstream	See website
*053	Effectiveness	See website
*054	Efficiency	See website
*054 Syn	Cost Effectiveness	See website
*055	Elementary	353
*056	Entry Condition	See website & Process *113
*057	Entry Process	See website & Process *113
*057 Abbr	E	See website & Process *113
*058	Estimate	354
*059	Estimate, To	354
*060	Remaining Major Defects/Page	See website & SQC *051
*061	Evaluation Effort [SQC]	See website & SQC *051
*062	Event	354
*063	Evidence	355
*064	Exit Condition	See website & Process *113

Concept Number	Concept Name	Page
*065	Exit Process	See website & Process *113
*065 Abbr	X	See website & Process *113
*067	Fix Probability [SQC]	See website & SQC *051
*068	Form	See website
*069	Function	360
*074	Function Requirement	363
*080	Fuzzy	365
*081	Generic	See website
*082	High-Level	See website
*083	Hierarchical	See website
*085	Drawn Icon	See website
*086	Idea	See website
*087	Impact	367
*088	Process Improvement Suggestion	See website & SQC *051
*089	Logging [SQC]	See SQC *051 & website
*091	Major Defect	374
*091 Abbr	M	375
*091 Abbr	Major	375
*093	Meter	376
*095	Metric	376
*096	Minor Defect	377
*096 Abbr	m	377
*096 Abbr	Minor Defect	377
*097	Mission	377
*098	Fail	359
*098 Syn	Fail Level	360
*098 Syn	Fail Limit	360
*098 Syn	Failure	360
*098 Syn	Warning	360
*098 Syn History	Must (Avoid)	360
*099	Object	See website & *145
*099 Syn	System	See website & *145
*100	Objective	379
*100	Performance Requirement	384
*101	Open-ended	See website
*102	Owner	380
*103	Logical Page	374
*103 Abbr	Page	374
*103 Acron	LP	374
*105	Parameter	380
*105 Syn	Specification Language Parameter	380
*106	Past	381
*106 Syn	Past Level	381
*107	Place	387
*108	Plan	See website
*109	Goal	366
*109 Syn	Goal Level	367
*109 Syn	Planned Goal	367
*109 Syn History	Plan	367

## 452 Concept Index

Concept Number	Concept Name	Page
*109 Syn	History	
	Planned Level	367
*010	Performance to Cost Ratio	386
*111	Policy	See website
*112	Priority	389
*113	Process	392
*113 Syn	Work Process	392
*114	Process Improvement	393
*115	Procedure	391
*118	Process Change Management Team	See website & SQC *051
*118 Acron	PCMT	See website & SQC *051
*118 Syn	Action Team	See website & SQC *051
*119	Process Meeting	See website & SQC *051
*119 Syn	Causal Analysis Meeting	See website & SQC *051
*119 Syn	Process Brainstorming Meeting	See website & SQC *051
*120	Specification Meeting	See website & SQC *051
*120 Syn	Inspection Meeting	See website & SQC *051
*120 Syn	Logging Meeting	See website & SQC *051
*120 Syn	Product Meeting	See website & SQC *051
*122	Result Cycle	407
*122 Syn	Result Production Cycle	408
*122 Syn	Step Cycle	408
*123	Implementation Cycle	See Result Cycle *122 & website
*123 Syn	Implementation	See Result Cycle *122 & website
*124	Qualifier	393
*125	Quality	395
*126	Optimum Checking Rate	See website & Checking Rate *015
*127	Record	399
*127 Syn	Record Level	400
*128	Sum of Costs	See website & IE *283
*128 Syn	Resource Impact	See website & IE *283
*129	Specification Rule	See website & SQC *051
*130	Result	See website
*131	Safety Factor	411
*132	Scale	412
*132 Syn	Scale of Measure	413
*133	Set	See website
*135	Source	418
*135 Syn	Process Input Information	418
*136	Specific	See website
*137	Specification	418
*137 Abbr	Spec	418
*138	Standards	421
*138 Syn	Work Process Standards	422
*139	Rate	See website
*140	Statement	See website
*141	Evo Step	356

Concept Number	Concept Name	Page
*141 Syn	Evolutionary Step	358
*141 Syn	Step	358
*142	Relationship	400
*143	Scale Uncertainty	415
*144	Keyed Icon	See website
*145	System [Planguage]	426
*145 Syn	Object See also *099	427
*145 Syn	System	427
*146	Tag	430
*146 Syn	Identifier	430
*146 Syn	Tag Name	430
*149	Task	431
*151	Term	See website
*153	Time	431
*155	Trend	433
*155 Syn	Trend Level	433
*157	Gist	365
*157 Syn	Summary	366
*161	Icon	367
*162	Symbol	See website
*163	Agent	See website
*168	Plan Do Study Act Cycle	387
*168 Acron	PDSA	381
*168 Acron	PDSA Cycle	389
*169	Plan [PDSA]	See SQC *051 & website
*170	Do [PDSA]	See SQC *051 & website
*171	Study [PDSA]	See SQC *051 & website
*172	Act [PDSA]	See SQC *051 & website
*173	Sub-Process	See website
*174	Status	422
*174 Syn	State	422
*177	Process Description	See website & Process *113
*178	Process Input	See website & Process *113
*179	Process Output	See website & Process *113
*179 Syn	Product	See website & Process *113
*180	Document	See website
*181	Design Constraint	348
*181 Informal Syn	Constrained Design	350
*181 Informal Syn	Required Design	350
*181 Informal Syn	Solution Constraint	350
*181 Syn	Architectural Constraint	350
*181 Syn	Design Restriction	350
*188	Planguage Concept	338
*189	Dependency	347
*189 Syn	Depends On	348

## 454 Concept Index

Concept Number	Concept Name	Page
*190	Designer	See website
*190 Syn	Systems Designer	See website
*192	Architecture	325
*193	Systems Architect	See website
*194	Interface	See website
*196	Evolutionary	358
*196 Abbr	Evo	358
*197	Review	408
*198	Scalar	412
*199	Resource	403
*208	Principle	See website
*211	Planguage Term	See website & Planguage *030
*218	Constraint	341
*220	Baseline To Target Pair	See website & IE *283
*222	Subset	See website
*223	Systems Engineering	428
*224	Engineering	See website & Systems Engineering *223
*233	Stakeholder	420
*234	User	See website
*235	Client	See website
*235 Syn	Customer	See website
*237	Decision-maker	See website
*237 Syn	Decision-taker	See website
*239	Specify, To	See website
*244	Wish	437
*244 Syn	Wish Level	438
*244 Syn	Wish Target	438
*249	Binary	334
*253	Role	409
*254	Template	See website
*256	Test	432
*259	Rationale	398
*259 Syn	Justification	399
*259 Syn	Reason	399
*262	Systemic	See website
*263	Root Causes	See website
*264	Supra	See website
*265	Sibling	See website
*266	Kid	See website
*267	Parent	See website
*269	Value	435
*269 Syn	Worth	436
*270	Problem	See website
*272	Credibility Rating	See website & Credibility *035
*273	Side Effect	417
*274	Error	353
*275	Malfunction	See Error *274 & website

Concept Number	Concept Name	Page
*276	Issue	372
*277	Editor	See website
*279	Quality Control	See website
*279 Acron	QC	See website
*281	Team Leader	See website & SQC *051
*281 Syn	Moderator	See website & SQC *051
*281 Syn	SQC Leader	See website & SQC *051
*281 Syn	SQC Team Leader	See website & SQC *051
*282	Quality Assurance	See website
*282 Acron	QA	See website
*283	Impact Estimation	368
*283 Acron	IE	368
*284	Planning [SQC]	See SQC *051 & website
*285	Entry [SQC]	See SQC *051 & website
*285 Syn	SQC Entry	See SQC *051 & website
*286	Kickoff [SQC]	See SQC *051 & website
*287	Checking [SQC]	See SQC *051 & website
*288	Edit [SQC]	See SQC *051 & website
*289	Edit Audit [SQC]	See SQC *051 & website
*289 Syn	Follow Up	See SQC *051 & website
*290	Exit [SQC]	See SQC *051 & website
*290 Syn	SQC Exit	See SQC *051 & website
*291	Upstream	See website
*293	Debugging	See website
*294	Non-Commentary	378
*295	Readership	399
*295 Syn	Intended Readership	399
*296	Editor Advice Log	See website & SQC *051
*296 Syn	Author Advice Log	See website & SQC *051
*296 Syn	Issue Log	See website & SQC *051
*297	Report [SQC]	See SQC *051 & website
*298	Sample	See website & SQC *051
*299	Chunk	See website & SQC *051
*300	Item [SQC]	See website & SQC *051
*301	Question Of Intent	See website & SQC *051
*302	Expression	See website
*303	Master Definition	375
*306	Percentage Impact	381
*306 Syn	%Impact	381
*306 Syn	Incremental Percentage Impact	381
*306 Syn	Percentage Incremental Impact	381
*307	Incremental Scale Impact	381
*308	Cell	See website & IE *283
*309	Risk	409
*309 Syn	Threat	409
*310	Uncertainty	434
*311	Waterfall Method	See website
*312	Before	333
*313	After	324

## 456 Concept Index

Concept Number	Concept Name	Page
*314	During	352
*318	Incremental Development	369
*319	Data	See website
*320	Information	See website
*321	Verification	See website
*322	Evo Plan	356
*322 Syn	Evolutionary Delivery Plan	356
*322 Syn	Evolutionary Plan	356
*328	Ideal Historical	See website
*331	Input	See website
*331 Syn	System Input	See website
*332	Version	436
*332 Syn	Edition	436
*332 Syn	Instance	436
*333	Rule	409
*334	Impacts	369
*337	Level	374
*337 Syn	Point	374
*339	Fault	See Error *274 & website
*339 Syn	Bug	See Error *274 & website
*339 Syn	System Defect	See Error *274 & website
*340	Sum for Requirement	See website & IE *283
*340 Syn	Sum Requirement	See website & IE *283
*342	Backroom	331
*343	Frontroom	360
*344	Funder	See website
*349	Value To Cost Score	See website
*351	Baseline	331
*353	Kin	373
*355	Evolutionary Project Management	358
*355 Abbr	Evo	355
*355 Acron	RDM	358
*355 Syn	Evo Management	358
*355 Syn	Evolutionary Delivery Management	358
*355 Syn	Milestone Approach	358
*355 Syn	Rapid Delivery Management	358
*355 Syn	Result Delivery	358
*355 Syn	Synch-and-Stabilize	358
*356	Acquisition	See website
*357	Integration	See website
*358	Deployment	See website
*359	Gap	365
*359 Syn	Residue = Very Strange Term!	365
*360	Quality Level	396
*360 Syn	Major Defect Density	396
*360 Syn	Specification Quality Level	396
*363	Parallel Development	See website
*364	Serial Development	See website
*370	Evo Step Specification	See website & Evo *355

Concept Number	Concept Name	Page
*370 Syn	Evolutionary Step Specification	See website & Evo *355
*370 Syn	Step Specification	See website & Evo *355
*372	Milestone	See website
*374	Domain	See website
*375	Global	See website
*376	Local	See website
*381	Scale Qualifier	414
*381 Syn	Embedded Scale Qualifier	415
*381 Syn	Scale Parameter	415
*383	Percentage Uncertainty	381
*385	Quantify, To	396
*386	Measure, To	375
*389	Except	359
*390	Rework	See website
*391	Includes	369
*396	Sponsor	See website
*398	Type	434
*398 Syn	Concept Type	434
*399	If	367
*403	Scale Impact	413
*403 Syn	Absolute Impact	414
*404	Stretch	423
*404 Syn	Stretch Level	424
*404 Syn	Stretch Target	424
*405	Safety Deviation	410
*407	Production Cycle	See Result Cycle *122 & website
*407 Syn	Production	See Result Cycle *122 & website
*408	Strategic Management Cycle	See Result Cycle *122 & website
*408 Syn	Evo Management Cycle	See Result Cycle *122 & website
*408 Syn	Head (of Evo Model)	See Result Cycle *122 & website
*408 Syn	Strategic Management	See Result Cycle *122 & website
*410	Scribe	See website & SQC *051
*411	Role [SQC]	See SQC *051 & website
*412	Is Impacted By	371
*412 Syn	Impacted By	372
*413	Development Cycle	See Result Cycle *122 & website
*414	Is Supported By	372
*414 Syn	Supported By	372
*415	Supports	424
*416	Description	348
*418	Critical Success Factor	See Critical Factor *036 & website

## 458 Concept Index

Concept Number	Concept Name	Page
*419	Scope	416
*420	Function Target	364
*422	Vision	436
*423	Ambition	324
*424	Continuous Process Improvement	344
*424 Acron	CPI	344
*429	Resource Saving	406
*429 Syn	Saving	406
*431	Resource Requirement	405
*433	Impact Estimate	367
*433 Syn	Impact	367
*434	Performance	382
*436	Resource Target	406
*436 Syn	budget See also Budget *480	406
*438	Performance Constraint	383
*439	Performance Target	386
*439 Syn	goal See also Goal *109	386
*440	Survival	424
*440 Syn	Survival Level	425
*440 Syn	Survival Limit	425
*446	Scale Variable	415
*447	Default	See website
*447 Syn	Default Option	See website
*447 Syn	Default Value	See website
*453	Quality Requirement	See website
*453 Syn	Objective	See *100
*456	Specification Variable	See website
*456 Syn	Variable	See website
*459	Workload Capacity	438
*459 Syn	Capacity	438
*459 Syn	Work Capacity	438
*459 Syn	Workload	438
*459 Syn	Workload Capability	438
*460	Guideline	See website
*460 Syn	Advice	See website
*460 Syn	Hint	See website
*460 Syn	Recommendation	See website
*460 Syn	Suggestion	See website
*460 Syn	Tip	See website
*465	Dynamic	See website
*466	Statistical Process Control	See website
*466 Acron	SPC	See website
*469	Function Constraint	361
*472	Design To Cost	See website
*475	Deviation	352
*475 Syn	Variance	352
*478	Resource Constraint	404
*480	Budget – See also Resource Target *436	334
*480 Syn	Budget Level	335

Concept Number	Concept Name	Page
*480 Syn	Planned Budget	335
*480 Syn Historical	Plan	335
*480 Syn Historical	Planned Level	335
*484	View	See website
*484 Syn	Perspective	See website
*484 Syn	Viewpoint	See website
*487	Configuration Management	See website
*488	Budget, To	See website
*489	Assets	See website
*496	Internal	See website
*497	External	See website
*498	Condition Constraint	340
*498 Syn	Restriction	341
*499	Architecture Engineering	429
*499 Syn	Architecting	430
*499 Syn	Architectural Engineering	429
*501	Design Engineering	350
*506	Specification Element	See website
*507	Background	330
*508	Requirement Specification	403
*508 Syn	Requirements Specification	403
*514	Or	379
*516	Inherited	See website
*521	Function Design	362
*529	Specification Issue	See Error *274 & website
*529 Abbr	Issue	See Error *274 & website
*530	User-Defined Term	435
*543	Specification Review Rule	See website
*544	Workload Capacity Requirement	See website
*544 Syn	Capacity Requirement	See website
*544 Syn	Work Capacity Requirement	See website
*544 Syn	Workload Capability Requirement	See website
*544 Syn	Workload Requirement	See website
*547	Method	See website
*549	Or Worse	380
*550	Or Better	379
*551	Until	434
*552	Range	397
*554	Due	352
*554 Syn	Deadline	352
*554 Syn	Due Date	352
*557	Function, To	See website
*560	Units of Measure	See website
*564	Systems Architecture	427
*564 Syn	Systecture	428
*570	Software	See website
*572	Software Engineering	417
*586	Design Specification	351
*586 Abbr	Design Spec	352

## 460 Concept Index

Concept Number	Concept Name	Page
*586 Syn Informal	Technical Design	352
*586 Syn Informal	The Design	352
*591	Value Chain	See website
*592	Values	See website
*598	Problem Definition	See website
*599	Need	See website
*601	Validation	See website
*602	Catastrophe	335
*602 Syn	Catastrophe Level	336
*602 Syn	Catastrophe Limit	336
*602 Syn Informal	Catastrophic Failure	336
*602 Syn Informal	Death	336
*602 Syn Informal	Non-Survival	336
*605	Landing Zone	373
*606	Limit	374
*614	Requirements Engineering	403
*614 Syn	Requirement Engineering	403
*616	Consists Of	341
*617	Architecture Specification	328
*617 Syn	Architectural Specification	328
*618	Architectural Description [IEEE]	326
*621	Is Part Of	372
*622	Resource Saving Requirement	406
*632	Commentary	337
*633	Core Specification	344
*633 Syn	Implementable Specification	344
*634	Requirement Specification [Process]	See website & Requirements Engineering *614
*634 Syn	Requirements Specification [Process]	See website & Requirements Engineering *614
*635	Value to Cost Ratio	See website
*636	Output	See website
*636 Syn	Product	See website
*636 Syn	Result	See website
*636 Syn	System Output	See website
*637	Safety Margin	411