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ze results	analyz	collect responses	design survey	lit Title	on Survey 2008 <u>Edi</u>	and Documenta	y title: ling, Specification,
				Add Report	: Default Report	current repo	w Summary
		ſ			anca Summa	Pos	owse Responses
	-	Total Started S  Total Completed S		ii y	onse Summa	in Res	er Responses
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Respons Count	Response Percent						
	1.1%			er []	Business Stakeholde		
1	4.7%			al 🗌	Data Professiona		
15	54.8%			er	Develope		
4	14.3%			nt	IT Managemen		
1	5.4%			.)	Modeler (BA		
	0.7%			ff [	erations/Support Staf		
3	11.1%			er	Project Manage		
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1	6.1%			er	Othe		
27	question	answered o					
Respons Count	Response Percent			in II do you nav	ears of experience i	2. How many	
	1.4%			е	None		
	1.4%			rs []	Less than 2 years		
1	4.3%			rs 🗌	2 to 5 years		
5	17.9%			rs	5 to 10 years		
Ş	33.3%			's	10 to 20 years		
11	41.6%			's	20+ years		
27	question	answered (					

	Response Percent	Response Count
1 to 10	14.0%	39
11 to 100	21.5%	60
101 to 1000	20.8%	58
1,001 to 10,000	22.2%	62
10,001 to 100,000	17.6%	49
Over 100,000	3.9%	11
	answered question	279
	skipped question	0

4. Where are you based?		
	Response Percent	Response Count
North America	61.5%	171
Europe	24.5%	68
Asia	5.4%	15
South & Central America	2.9%	8
Australia & New Zealand	3.6%	10
Africa	2.2%	6
	answered question	278
	skipped question	1

5. Which sector is your organization	primarily in?		
		Response Percent	Response Count
Agricultural		0.7%	2
Distribution		0.4%	1
Financial		12.2%	34
Government		10.0%	28
IT Services		10.0%	28
Manufacturing		10.8%	30
Mining		1.1%	3
Real Estate		0.0%	0
Retail		1.8%	5
Software		24.7%	69
Transportation		2.2%	6
Utilities (Electric,)		2.5%	7
Other		23.7%	66

6. What is the current status of the project?  Response Percent Count  The project completed successfully 26.7% 69  The project was cancelled before delivering a working system 2.3% 6  The project is currently underway 70.9% 183			answered question	279
Response   Response			skipped question	0
Response   Response   Response   Count			Show the short of	nis Page Only
Response   Percent   Count	Page: The Project			
Response   Percent   Count				
Percent   Count	6. What is the current status of the p	roject?	_	_
The project was cancelled before delivering a working system			•	-
The project is currently underway   70.9%   183     I have never been involved with an IT development project   258   3k/jpped question   258     Sk/jpped question   21     To What type of IT development project was/is it?   Response development project   60.1%   155     A new software/system development project   60.1%   155     An update to an existing system   33.7%   87     A commercial off the shelf (COTS)   5.2%   16     Don't know   0.0%   0.0%     A new successful was/is the project in your opinion?   Response Percent   258     Sk/jpped question   21     Successful   15.9%   41     Successful   33.3%   86     A verage for our organization   20.9%   54     Challenged   9.7%   25     Very Challenged   9.7%   25     Very Challenged   7.0%   18     A Abject failure   1.2%   3	The project completed successfully		26.7%	69
Name			2.3%	6
A new software/system development project was/is it?   Response Percent   Count	The project is currently underway		70.9%	183
Response   Response   Response   Count	I have never been involved with an IT development project		0.0%	0
7. What type of IT development project was/is it?    Response   Percent   Count			answered question	258
Response Percent   Percent   Count			skipped question	21
Response Percent   Percent   Count				
A new software/system development project   60.1%   155     An update to an existing system   33.7%   87     A commercial off the shelf (COTS)   6.2%   16     Don't know   0.0%   0.0%   258     System/package installation   258     Skipped question   21     B. How successful was/is the project in your opinion?   Response Percent   15.9%   41     Successful   33.3%   86     Average for our organization   20.9%   54     Challenged   9.7%   25     Very Challenged   7.0%   18     Abject failure   1.2%   3     Too early to tell   11.2%   29	7. What type of IT development proje	ct was/is it?		
An update to an existing system			•	-
A commercial off the shelf (COTS) system/package installation Don't know 0.0% 0    Don't know 0.0%   258     Skipped question   21			60.1%	155
System/package installation	An update to an existing system		33.7%	87
Answered question   258   skipped question   21			6.2%	16
Skipped question   21   3   3   3   3   4   4   4   4   4   4	Don't know		0.0%	0
Response   Percent   Count			answered question	258
Response Percent         Response Count           Very successful         15.9%         41           Successful         33.3%         86           Average for our organization         20.9%         54           Challenged         9.7%         25           Very Challenged         7.0%         18           Abject failure         1.2%         3           Too early to tell         11.2%         29			skipped question	21
Response Percent         Response Count           Very successful         15.9%         41           Successful         33.3%         86           Average for our organization         20.9%         54           Challenged         9.7%         25           Very Challenged         7.0%         18           Abject failure         1.2%         3           Too early to tell         11.2%         29				
Very successful         15.9%         41           Successful         33.3%         86           Average for our organization         20.9%         54           Challenged         9.7%         25           Very Challenged         7.0%         18           Abject failure         11.2%         3           Too early to tell         11.2%         29	8. How successful was/is the project	in your opinion?		
Successful       33.3%       86         Average for our organization       20.9%       54         Challenged       9.7%       25         Very Challenged       7.0%       18         Abject failure       1.2%       3         Too early to tell       11.2%       29			•	-
Average for our organization	Very successful		15.9%	41
Challenged       9.7%       25         Very Challenged       7.0%       18         Abject failure       1.2%       3         Too early to tell       11.2%       29	Successful		33.3%	86
Very Challenged         7.0%         18           Abject failure         1.2%         3           Too early to tell         11.2%         29	Average for our organization		20.9%	54
Abject failure	Challenged		9.7%	25
Too early to tell 11.2% 29	Very Challenged		7.0%	18
	Abject failure		1.2%	3
Not applicable [] 0.8% 2	Too early to tell		11.2%	29
	Not applicable		0.8%	2

	skipped quest	ion	21
9. What development paradigm was t	followed?		
	Respo Perce		ponse ount
Traditional/waterfall	21	.3%	5
Iterative	35	.3%	9
Agile	17	.8%	4
Ad-hoc/none	20	.9%	5
Don't know		.1%	
Not applicable	1	.6%	
	answered quest	ion	25
	skipped quest	ion	2
0. The project team has/had the follo	owing tools available to them (check all that apply, if any):		
	Respo Perce	-	pons ount
Drawing Tools (e.g. Visio,	83	.3%	21
PowerPoint)			
Paper - Index cards		.2%	6
Paper - Flip charts		.8%	8
Paper - Sticky notes	41	.1%	10
oftware-Based Modeling Tools (e.g. RSA, ERWin)	34	.9%	9
Whiteboards - Individual	49	.6%	12
Whiteboards - Specific to the team, shared by all team members	32	.6%	8
Whiteboards - Shared with other	45	.0%	11
teams, i.e. in meeting rooms			
Wiki(s)		.5%	
Word Processors		.2%	22
	answered quest		25
	skipped quest	ion	
	Sh	ow this Pag	ge O
age: The Approach to Modeling			
1. The primary strategy for modeling			
		nse Resr	pons
	Respo Perce	-	ount
Do no modeling at all	Perce	-	ount 2

to communicate		
Sketch and then capture some key diagrams electronically	32.5%	80
Use software-based modeling tool (SBMT)(s) to capture detailed documentation	11.0%	27
Use SBMT(s) to generate source code	2.4%	6
Use SBMT(s) for full round-trip engineering (generation and reverse engineering)	3.3%	8
	answered question	246
	skipped question	33

12. Modeling was/is performed by (cl	neck all that apply, if any):		
		Response Percent	Response Count
Analysts (requirements, business, system,)		46.3%	107
Architects		48.1%	111
Business Stakeholders		17.7%	41
Designers		42.9%	99
Developers		72.3%	167
Project Managers		28.1%	65
Testers/QA		8.2%	19
		answered question	231
		skipped question	48

13. For this project, people primarily	learn(ed) to model through (check all that apply	y, if any):	
		Response Percent	Response Count
Classroom training in modeling		9.2%	21
Classroom training in the modeling tool		5.2%	12
University/college courses		18.3%	42
Mentoring by an experienced modeler		27.5%	63
On-the-job experience		79.9%	183
Previous job experience		54.1%	124
		answered question	229
		skipped question	50

14. On this project, how useful were/are the following classes of tools for modeling?

	Very effective	Effective	Neutral	Ineffective	Very Ineffective	Not Applicable	Response Count
Drawing Tools (e.g. Visio, PowerPoint)	10.7% (25)	48.7% (114)	24.8% (58)	3.4% (8)	2.1% (5)	10.3% (24)	234
Paper - Index cards	2.6% (5)	10.0% (19)	18.4% (35)	7.9% (15)	2.1% (4)	58.9% (112)	190
Paper - Flip charts	4.7% (9)	16.1% (31)	18.7% (36)	6.7% (13)	1.0% (2)	52.8% (102)	193
Paper - Sticky notes	6.7% (13)	11.3% (22)	21.0% (41)	7.2% (14)	4.6% (9)	49.2% (96)	195
Software-Based Modeling Tools (e.g. RSA, ERWin)	10.8% (22)	22.2% (45)	7.9% (16)	3.9% (8)	2.5% (5)	52.7% (107)	203
Whiteboards - Individual	10.0% (20)	42.8% (86)	17.4% (35)	1.0% (2)	0.0% (0)	28.9% (58)	201
Whiteboards - Specific to the team, shared by all team members	14.4% (29)	31.2% (63)	7.4% (15)	1.5% (3)	0.5% (1)	45.0% (91)	202
Whiteboards - Shared with other teams, i.e. in meeting rooms	10.2% (20)	32.5% (64)	18.3% (36)	3.6% (7)	0.5% (1)	35.0% (69)	197
Wiki(s)	8.9% (17)	15.6% (30)	20.8% (40)	4.2% (8)	1.6% (3)	49.0% (94)	192
Word Processors	9.1% (21)	44.8% (104)	28.9% (67)	5.6% (13)	2.6% (6)	9.1% (21)	232
					answer	ed question	243
					skipp	ed question	36

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Page: The Approach to Specification

15. The primary strategy for requiren	nents specification is/was (check	all that apply, if any):	
		Response Percent	Response Count
High-level scoping diagram(s)		68.8%	152
Detailed diagrams		24.9%	55
Detailed written documentation		54.3%	120
Acceptance tests written BEFORE code was written (TDD style)		6.8%	15
		answered question	221
		skipped question	58

16. The primary strategy for architectural or design specification is/was (check all that apply, if any):					
		Response Percent	Response Count		
High-level architectural diagram(s)		73.5%	161		
Detailed design diagrams		37.9%	83		
Detailed written documentation		40.6%	89		

Developer tests written BEFORE code was written (TDD style)	8.2%	18
answered que	estion	219
skipped que	estion	60

17. The reason(s) to create a specific	cation(s) on the project (check all that apply, if any)	
	Response Percent	Response Count
As input into project planning	62.3%	139
As input into project estimation	58.7%	131
To specify work for others at this location	64.6%	144
To specify work for others at a distant location	27.8%	62
The contract requires it	11.7%	26
Your process requires it	45.3%	101
Regulatory compliance demands it	9.4%	21
To show that the system was built as specified	40.4%	90
	answered question	223
	skipped question	56

	Very effective	Effective	Neutral	Ineffective	Very Ineffective	Not Applicable	Response Count
Drawing Tools (e.g. Visio, PowerPoint)	12.2% (27)	41.4% (92)	25.7% (57)	3.2% (7)	2.3% (5)	15.3% (34)	222
Paper - Index cards	2.2% (4)	6.1% (11)	17.7% (32)	6.6% (12)	3.3% (6)	64.1% (116)	18
Paper - Flip charts	2.8% (5)	13.5% (24)	16.9% (30)	5.1% (9)	3.9% (7)	57.9% (103)	178
Paper - Sticky notes	3.9% (7)	11.6% (21)	18.8% (34)	6.1% (11)	6.1% (11)	53.6% (97)	18
Software-Based Modeling Tools (e.g. RSA, ERWin)	11.0% (21)	16.8% (32)	10.5% (20)	1.6% (3)	2.1% (4)	58.1% (111)	19
Whiteboards - Individual	7.7% (15)	24.6% (48)	24.6% (48)	6.7% (13)	1.0% (2)	35.4% (69)	19
Whiteboards - Specific to the team, shared by all team members	9.5% (18)	24.3% (46)	13.8% (26)	3.7% (7)	0.5% (1)	48.1% (91)	18
Whiteboards - Shared with other teams, i.e. in meeting rooms	8.7% (17)	27.7% (54)	17.9% (35)	4.1% (8)	1.5% (3)	40.0% (78)	19
Wiki(s)	8.7% (16)	12.0% (22)	18.6% (34)	3.8% (7)	2.7% (5)	54.1% (99)	18
Word Processors	12.2% (28)	53.7% (123)	22.3% (51)	3.1% (7)	2.2% (5)	6.6% (15)	22

answered question	1 235
skipped question	1 44

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Page: The Approach to Documentation

19. On this project, the following type	es of documents were (or will be) produced (check all that apply):	
	Response Percent	Response Count
Operations document	45.1%	101
System overview document	79.9%	179
Training material	41.1%	92
User manual	57.6%	129
	Other (please specify) view	41
	answered question	224
	skipped question	55

20. On this project, how useful were/	are the follo	wing classe	s of tools	for document	ation?		
	Very effective	Effective	Neutral	Ineffective	Very Ineffective	Not Applicable	Response Count
Digital images - Sketches	11.7% (23)	30.6% (60)	15.3% (30)	3.6% (7)	0.5% (1)	38.3% (75)	196
Digital images - Screen shots	22.2% (46)	52.2% (108)	7.7% (16)	1.9% (4)	0.5% (1)	15.5% (32)	207
Drawing Tools (e.g. Visio, PowerPoint)	13.6% (29)	49.5% (106)	17.8% (38)	2.8% (6)	1.4% (3)	15.0% (32)	214
Software-Based Modeling Tools (e.g. RSA, ERWin)	8.9% (17)	16.8% (32)	11.1% (21)	3.2% (6)	2.6% (5)	57.4% (109)	190
Wikis	8.1% (15)	16.8% (31)	14.6% (27)	4.3% (8)	1.1% (2)	55.1% (102)	185
Word Processors	18.4% (42)	53.9% (123)	18.9% (43)	1.8% (4)	1.3% (3)	5.7% (13)	228
					answer	ed question	235
					skipp	ed question	44

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Page: Tool Usage

21. The project team use(d) whiteboards to (check all that apply, if any):		
	Response Percent	Response Count
Think through architectural issues	82.8%	168
Think through requirements issues	72.9%	148

Explore detailed analysis issues	4	8.8% 99
Explore detailed design issues	6	5.0% 132
Create detailed requirements specifications	1.	4.8% 30
Create detailed design specifications	19	9.2% 39
Communicate ideas to others	86	0.8% 164
Create diagrams for official documentation (i.e. via digital camera)	1	0.8% 22
Create diagrams for presentations	11	3.3% 27
To reverse-engineer existing systems or data sources	1	1.8% 24
Plan (list tasks, track tasks,)	56	8.6% 119
	answered ques	stion 203
	skipped ques	tion 76

22. The project team use(d) paper-ba	used tools (flip charts, sticky notes,) to (check all that apply, if any):	
	Response Percent	Response Count
Think through architectural issues	47.0%	71
Think through requirements issues	53.6%	81
Explore detailed analysis issues	33.1%	50
Explore detailed design issues	41.1%	62
Create detailed requirements specifications	24.5%	37
Create detailed design specifications	20.5%	31
Communicate ideas to others	58.9%	89
Create diagrams for official documentation (i.e. via digital camera)	7.9%	12
Create diagrams for presentations	12.6%	19
Fo reverse-engineer existing systems or data sources	11.9%	18
Plan (list tasks, track tasks,)	55.0%	83
	answered question	151
	skipped question	128

23. The project team use(d) drawing tools such as Visio or PowerPoint to (check all that apply, if any):			
	Response Percent	Response Count	
Think through architectural issues	34.4%	65	
Think through requirements issues	29.6%	56	

Explore detailed analysis issues	24.3%	46
Explore detailed design issues	28.6%	54
Create detailed requirements specifications	30.2%	57
Create detailed design specifications	38.1%	72
Communicate ideas to others	68.8%	130
Create diagrams for official documentation	59.3%	112
Create diagrams for presentations	56.6%	107
To reverse-engineer existing systems or data sources	3.2%	6
Plan (list tasks, track tasks,)	16.4%	31
	answered question	189
	skipped question	90

24. The project team use(d) software (check all that apply, if any):	-based modeling tools (such as RSA,	ERWin, Together, and Software Arc	:hitect) to
		Response Percent	Response Count
Think through architectural issues		40.4%	36
Think through requirements issues		34.8%	31
Explore detailed analysis issues		38.2%	34
Explore detailed design issues		46.1%	41
Create detailed requirements specifications		38.2%	34
Create detailed design specifications		58.4%	52
Communicate ideas to others		55.1%	49
Create diagrams for official documentation		61.8%	55
Create diagrams for presentations		36.0%	32
To reverse-engineer existing systems or data sources		27.0%	24
Plan (list tasks, track tasks,)		10.1%	9
		answered question	89
		skipped question	190

25. The project team use(d) text-based tools such as Word Processors, text editors, requirements management tools, and Wikis to (check all that apply, if any):					
	Response Percent	Response Count			
Think through architectural issues	23.8%	50			
Think through requirements issues	39.0%	82			

Explore detailed analysis issues	28.6%	60
Explore detailed design issues	27.6%	58
Create detailed requirements specifications	63.3%	133
Create detailed design specifications	55.7%	117
Communicate ideas to others	76.7%	161
Create diagrams for official documentation	33.3%	70
Create diagrams for presentations	22.4%	47
To reverse-engineer existing systems or data sources	4.3%	9
Plan (list tasks, track tasks,)	45.7%	96
	answered question	210
	skipped question	69
any):	Response Percent	Response Count
Think through architectural issues	17.9%	7
Think through requirements issues	23.1%	9
Explore detailed analysis issues	20.5%	8
Explore detailed design issues	56.4%	22
Create detailed requirements specifications	17.9%	7
Create detailed design specifications	23.1%	9
Communicate ideas to others	28.2%	11
Create diagrams for official documentation	2.6%	1
Create diagrams for presentations	7.7%	3
To reverse-engineer existing systems or data sources	12.8%	5
Plan (list tasks, track tasks,)	17.9%	7
	answered question	39
	skipped question	240
	Show t	this Page Only
Page: Thank You		
27. Choose a book:		
	Response Percent	Response Count
The Enterprise Unified Process	28.8%	61

	31.6%	ments of UML 2.0 Style
;	39.6%	efactoring Databases: nary Database Design
2	answered question	
	skipped question	
for any	if you win. Your email address will not be used	ovide your email addres e and will be kept privat
for any	if you win. Your email address will not be used t	-
	if you win. Your email address will not be used t	-
for any Respons	if you win. Your email address will not be used t	-
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