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Tuesday, November 14, 2006

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Status: Enabled

Reports: Summary and Detail

1. Who Are You?

1. Which best describes your current position?

	Response Percent	Response Total
Data Professional	9%	102
Developer	51.5%	585
Project Manager	9.4%	107
Quality Assurance	1.4%	16
Tester	0.9%	10
IT Management	14.8%	168
Operations/Support Staff	3.9%	44
Business Stakeholder	2.9%	33
Other	6.2%	71
Total Respondents		1136
(skipped this question)		1

2. How many years of experience in IT do you Have?

	Response Percent	Response Total
None	2.5%	28
Less than 2 years	1.9%	22
2 to 5 years	5.5%	62
5 to 10 years	19.5%	221
10 to 20 years	37.1%	421
20+ years	33.6%	382
Total Respondents		1136
(skipped this question)		1

3. Number of IT people in your organization

	Response Percent	Response Total
1 to 10	29.3%	333
11 to 50	22.9%	260
51 to 100	10.6%	120
101 to 500	13.9%	158
501 to 1000	6.2%	71
1000+	17.1%	194
Total Respondents		1136
(skipped this question)		1

4. Which continent do you currently work in?

	Response Percent	Response Total
North America	98.3%	1117
Europe	0.4%	5
South America	0.3%	3
Asia	0.6%	7
Australia	0.2%	2
Africa	0.2%	2
Total Respondents		1136
(skipped this question)		1

5. Which sector is your organization primarily in?

	Response Percent	Response Total
Public (Government)	21.7%	246
Private	78.3%	890
Total Respondents		1136
(skipped this question)		1





2. Current State of Data Quality Activities

6. What is your organization's approach to data naming conventions?







	Response Percent	Response Total
They're documented and willingly followed by developers	22.9%	228
They're documented and enforced by our data group	15.3%	152
They're documented but not followed consistently	28%	279
We don't have any data naming		

conventions		29.6%	295
I don't know		4.1%	41
		Total Respondents	995
		(skipped this question)	142





7. How well do you rate the quality of the data within your organization?

		Response Percent	Response Total
It's perfect		2.4%	24
It's pretty good, but with a few problems		52.1%	518
Most of our data sources are very good, but some are a complete mess		37.6%	374
We have serious data quality problems		7.9%	79
		Total Respondents	995
		(skipped this question)	142

8. How long would it take for your organization to successfully rename an important column (e.g. FirstName) in one of the primary tables (e.g. Customer) within your main production database?

		Response Percent	Response Total
We could do it in a single day		25.1%	250
We could do it within a week		28.9%	288
We could do it within a month		20.8%	207
We could do it within three months		11%	109
It would likely take us longer than three months		6.5%	65
This is too risky for us to even attempt		7.6%	76
		Total Respondents	995
		(skipped this question)	142

9. Does your IT department provide a service level agreement (SLA) pertaining to database performance?

		Response Percent	Response Total
Yes		22.6%	225
No, we've chosen not to do this		23.3%	232
No, we haven't even thought of doing this		31.5%	313
I don't know		22.6%	225
		Total Respondents	995
		(skipped this question)	142

10. Does your IT department provide an SLA pertaining to database availability?

	Response Percent	Response Total
Yes	34.2%	340
No, we've chosen not to do this	20.7%	206
No, we haven't even thought of doing this	24.6%	245
I don't know	20.5%	204
Total Respondents		995
(skipped this question)		142

11. What strategy, if any, does your organization have for addressing the existing problems with your production data sources?

	Response Percent	Response Total
We don't have data quality problems	15.8%	157
We have problems, but no strategy to fix them	26.3%	261
We have problems, and try not to make the situation any worse	19.5%	194
We have problems, and intend to rewrite all applications and data sources and release them simultaneously	4.5%	45
We have problems, and have a database refactoring strategy in place to evolve the data sources over time	26.4%	262
<input type="button" value="View"/> Other (please specify)	7.5%	75
Total Respondents		994
(skipped this question)		143







3. Database Testing

12. Are you doing database testing?










	Response Percent	Response Total
Yes	65.1%	619
No, we don't have adequate resources	20.2%	192
No, we never even thought of doing it	7.4%	70
I don't know	7.4%	70
Total Respondents		951
(skipped this question)		186

13. When are you testing your database(s) (check all that apply)?

	Response Percent	Response Total
We test continuously throughout		




application development, following a test-driven development (TDD) approach		35.3%	336
We test continuously throughout data warehouse development, following a TDD approach		12.9%	123
We test the database at the end of each iteration as part of incremental system testing		43.3%	412
We test the database at the end of the development lifecycle as part of final system testing		43.5%	414
We validate data values as part of the process of extracting data into reporting databases (e.g. data marts and/or data warehouses)		29.9%	284
I don't know		19.8%	188
Total Respondents			951
(skipped this question)			186

14. What types of database testing, if any, are you doing (choose all that apply)?

		Response Percent	Response Total
We validate data values as they go into the database		73.5%	638
We validate data values as they come out of a database		52.3%	454
We validate our object-to-relational (O/R) mappings		25.7%	223
We validate the functionality implemented within the database (e.g. stored procedures, stored functions, ...)		51.7%	449
We validate the view definitions implemented within the database		33.8%	293
We validate referential integrity (RI) constraints implemented within the database		39.5%	343
We validate column constraints		42.7%	371
We validate default column values		39.5%	343
<input type="button" value="View"/> Other (please specify)		6.6%	57
Total Respondents			868
(skipped this question)			269








4. Data Modeling

15. When do you do data modeling on application development projects?





		Response Percent	Response Total
We don't do any data modeling at all		15.7%	145
Data modeling is usually done up front, early in the project		42.1%	388
Data modeling is usually done in an evolutionary manner throughout the project		34.6%	319

I don't know		7.6%	70
Total Respondents			922
(skipped this question)			215








16. What types of structural modeling do you do on application development projects (check all that apply)?

		Response Percent	Response Total
We don't do any structural modeling		20.1%	185
High-level domain modeling		37.2%	343
Detailed logical data modeling		35.5%	327
Physical data modeling of the database schema		41.5%	383
UML class diagramming of the object schema		26.6%	245
XML modeling of data structures		13.8%	127
I don't know		10.6%	98
Total Respondents			922
(skipped this question)			215

17. When do you do data modeling on data warehouse/data mart projects?

		Response Percent	Response Total
We don't do any data modeling at all		21.3%	196
Data modeling is usually done up front, early in the project		31.2%	287
Data modeling is usually done in an evolutionary manner throughout the project		23.7%	218
I don't know		23.9%	220
Total Respondents			921
(skipped this question)			216

18. What types of structural modeling do you do on data warehouse/data mart projects (check all that apply)?

		Response Percent	Response Total
We don't do any data modeling		21.5%	198
High-level domain modeling		30.2%	278
Detailed logical data modeling		29.6%	273
Physical data modeling of the database schema		32.3%	298
UML class diagramming of the object schema		16.5%	152
XML modeling of data structures		10.1%	93
I don't know		25.9%	239
Total Respondents			922

(skipped this question) 215

19. What is your approach to a common glossary of business terms?

	Response Percent	Response Total
We have one and developers find it useful	19.5%	180
We have one, but developers rarely use it	15.4%	142
We've never tried to create one due to lack of resources	19.8%	183
We've never tried to create one because we haven't considered it	20.3%	187
We've tried to create one several times, and have pretty much failed each time	5.1%	47
We've failed several times in the past, but will likely attempt this again	5%	46
I don't know	14.9%	137
Total Respondents		922
(skipped this question)		215

20. What is the approach to enterprise data modeling within your organization?

	Response Percent	Response Total
We don't do enterprise data modeling at all	31%	286
We just have a single logical model	14.6%	135
We just have physical data models describing existing production data sources	19%	175
We have both a logical model and some physical models	23%	212
I don't know	20.1%	185
Total Respondents		922
(skipped this question)		215

5. If You Win...

21. Choose a book:

	Response Percent	Response Total
The Enterprise Unified Process	20.9%	189
The Elements of UML 2.0 Style	30.8%	279
Refactoring Databases: Evolutionary Database Design	48.3%	437
Total Respondents		905
(skipped this question)		233

22. Please provide your email address so we may contact you if you win. Your email address

will not be used for any other purpose and will be kept private.

View	Total Respondents	894
	(skipped this question)	243

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