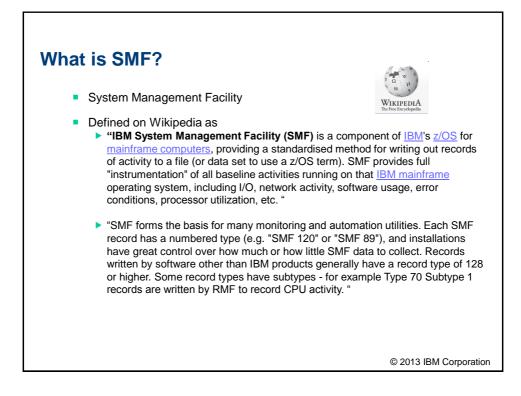
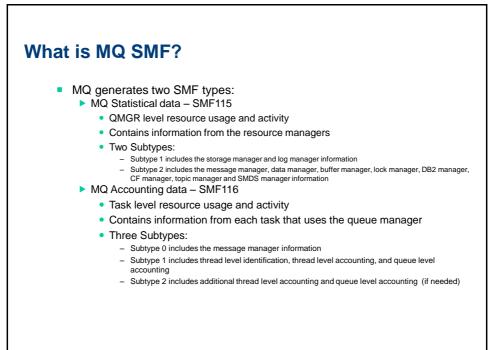
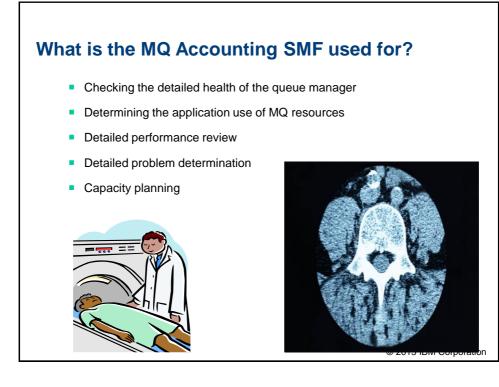


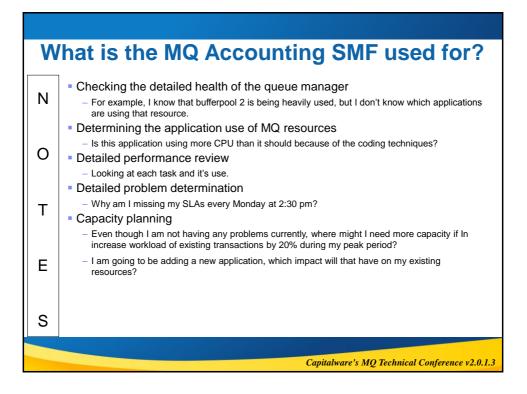
Agenda	
• What is SMF?	
What is MQ SMF?	
Overview of MQ accounting SMF	
 Controlling the generation of the data 	
Processing the data	
What the reports look like	
 Simple examples of problems found 	
	Capitalware's MQ Technical Conference v2.0.1.3

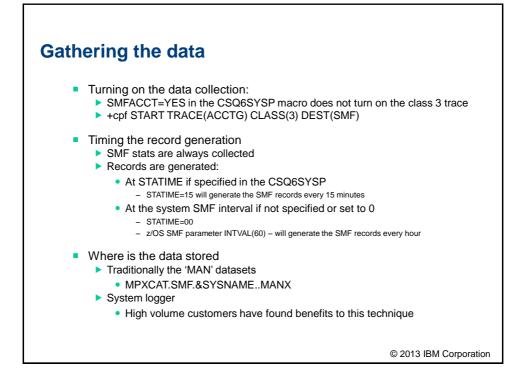


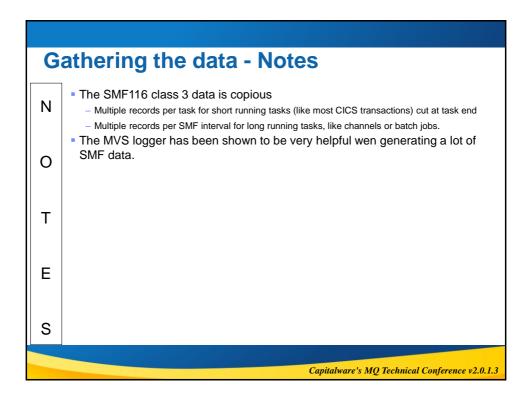


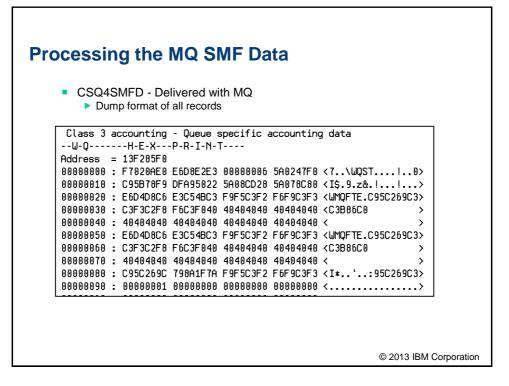
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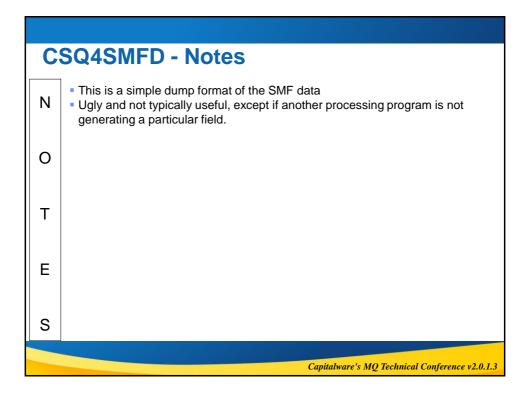










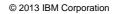


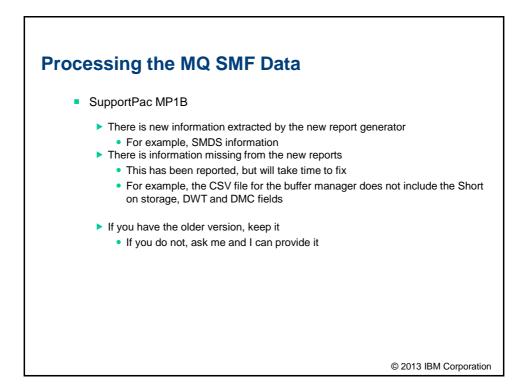
Processing the MQ SMF Data

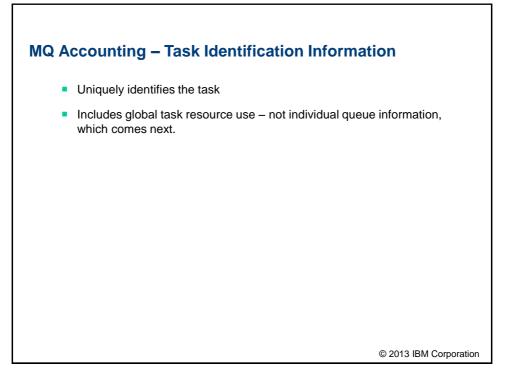
SupportPac MP1B

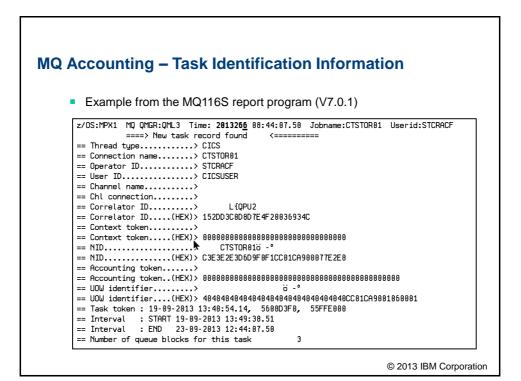
> The new version is substantially different than the old version

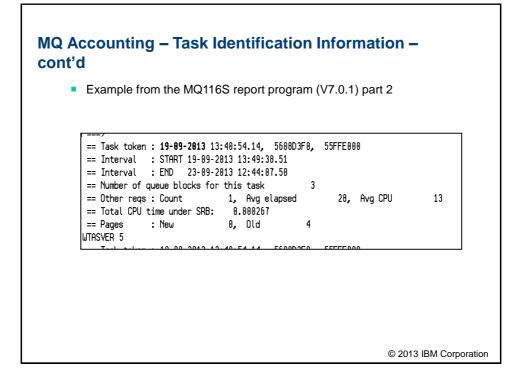
- There were four report programs delivered in the older version:
 - MQ1150 report on the SMF115 data
 - MQ1160 report on the SMF116 class 1 data
 - MQ116S report on the SMF116 class 3 data
 - MQCSMF report on all the SMF data, column formatted data produced
- There is a single report program delivered in the V7.1 version
 - MQSMF report on all the MQ SMF data in both standard report form and CSV files for most of the record subtypes
 - The report files for the SMF115 data look much like the sections that were part of the MQ1150 report from earlier versions.

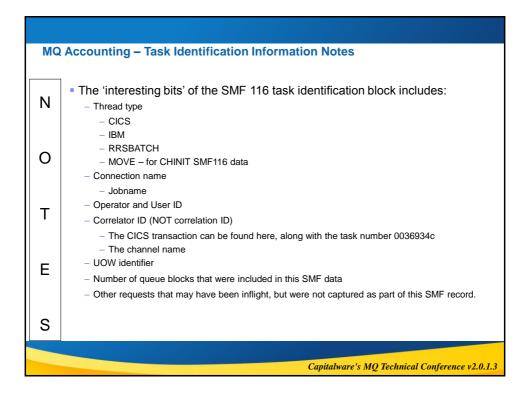


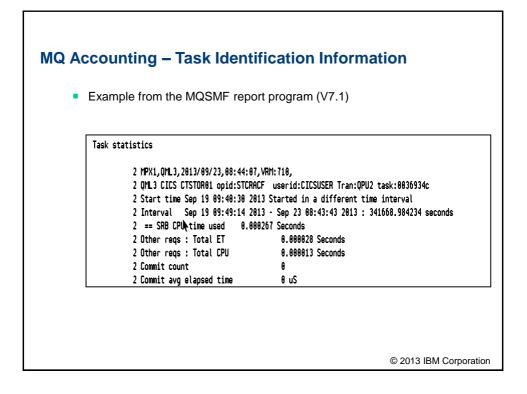


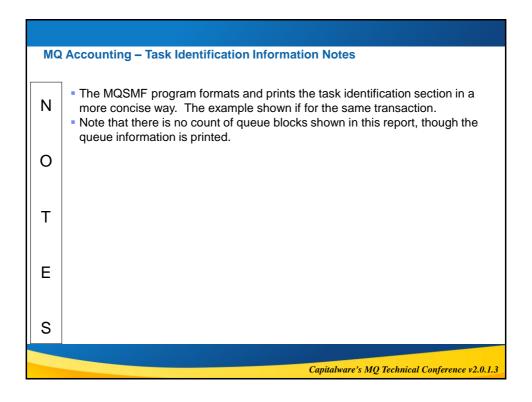


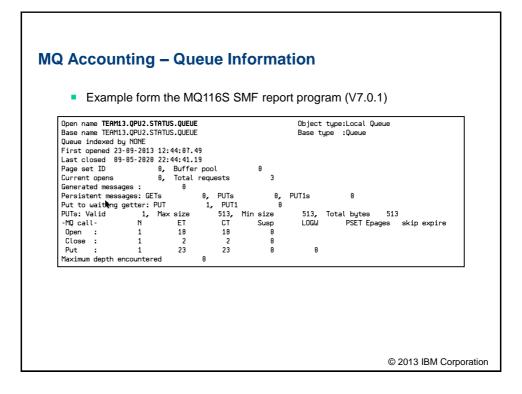




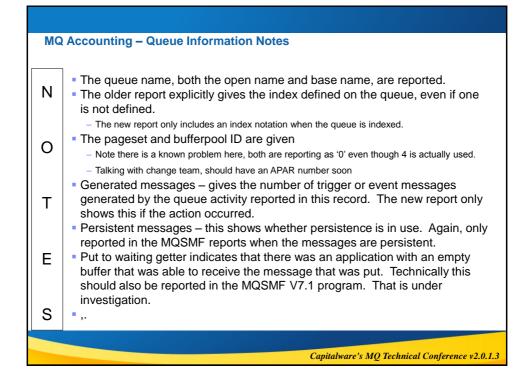


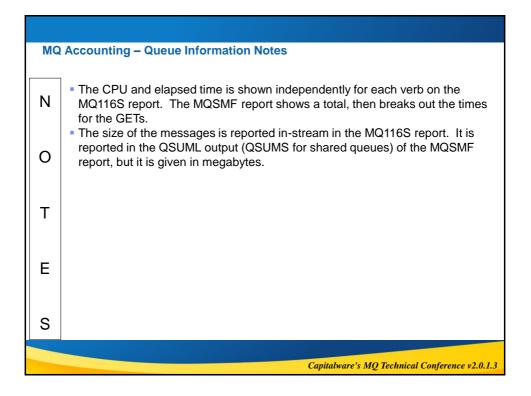


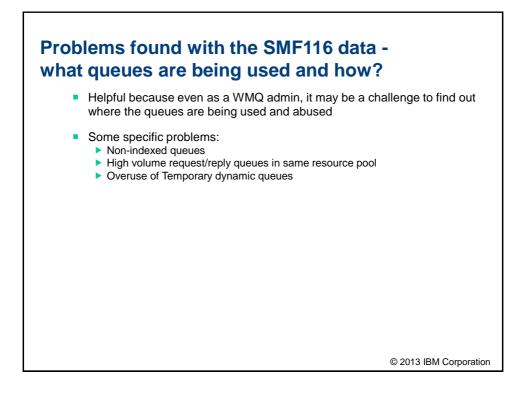


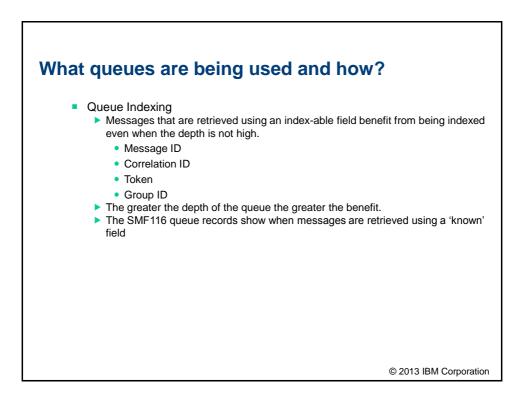


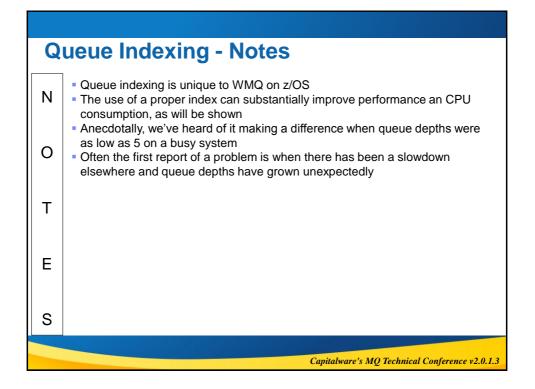
2 Open name		TEAM13.QPU2.STATUS.QUEUE
2 Queue type:QLocal		TEAM13.QPU2.STATUS.QUEUE
2 Page set ID	0	TEAM13.QPU2.STATUS.QUEUE
2 Buffer pool	0	TEAM13.QPU2.STATUS.QUEUE
2 Put count	1	TEAM13.QPU2.STATUS.QUEUE
2 Put avg elapsed time	23 uS	
2 Put avg CPU time	23 uS	
2 Total Queue elapsed time	45 uS	
2 Total Queue CPU used	45 uS	TEAM13.QPU2.STATUS.QUEUE

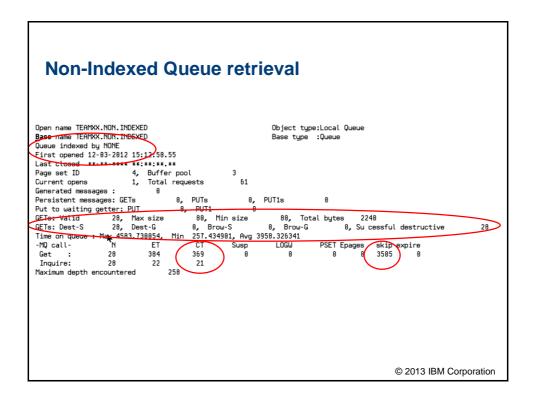


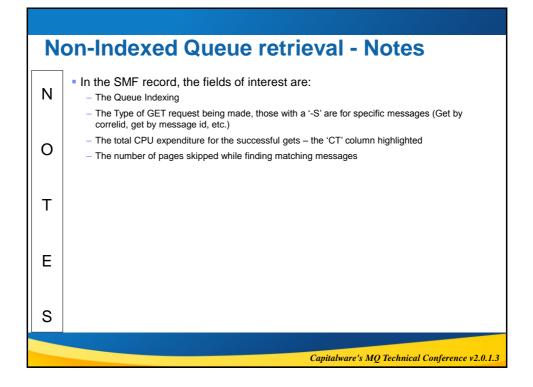


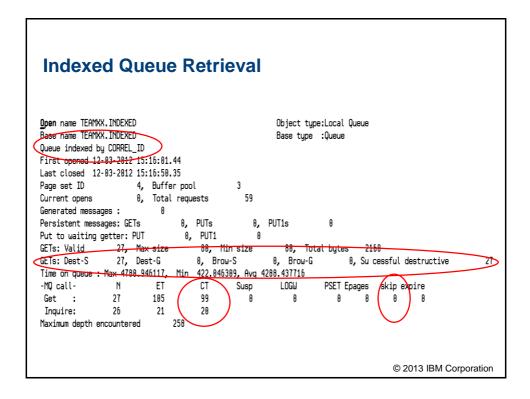


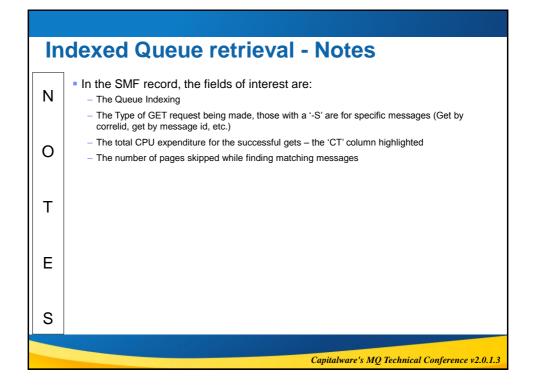


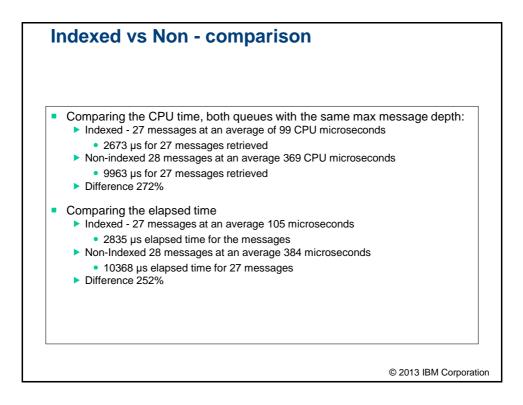


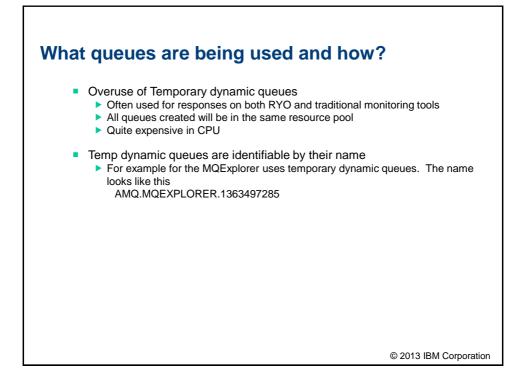


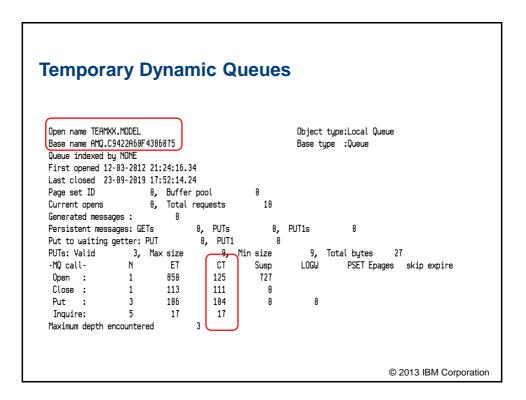


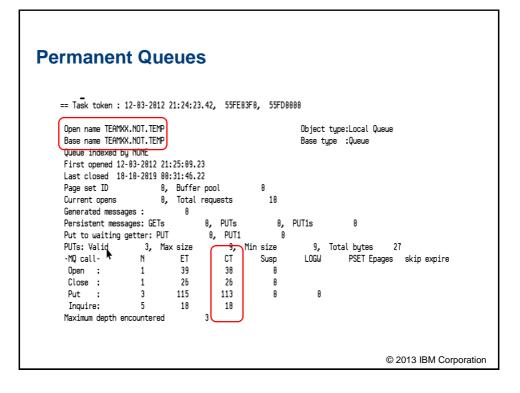




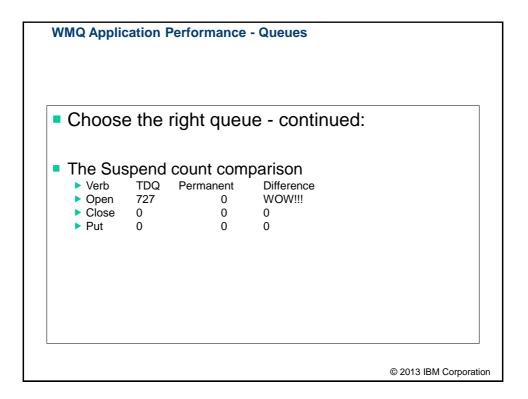


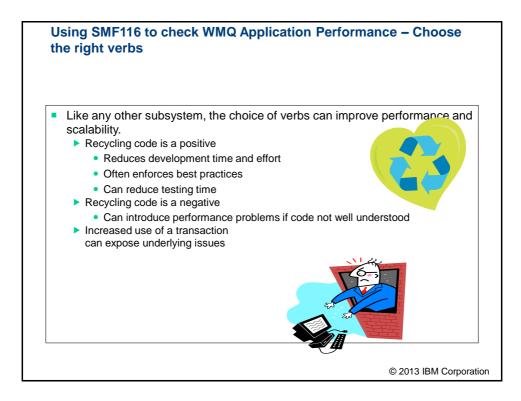


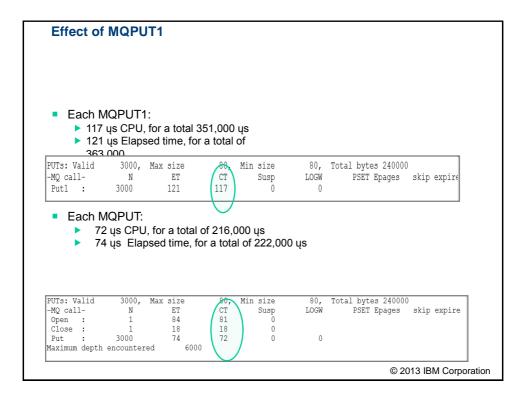




•	On z/OS		ynamic queues shou	ld be avoided			
	Higher CPU costs						
	 Elapsed time can be significantly longer 						
		ost compari	son				
	 Verb Open Close Put Inquire 	TDQ 125 111 104 17	Permanent 38 26 113 18	Difference 238% 327% -8% -5%			
	The Elapse	d Time com	parison				
	 Verb Open Close Put Inquire 	TDQ 850 113 106 17	Permanent 39 26 115 18	Difference 2079% 3347% -8% -5%			







Effect of MQPUT1 - Notes			
	Remember that both elapsed time and CPU time reported in this section o the MQ116S report is the average time, not the total time.		
	מופ ואשרו סט ופּטטו וז נוופ מיפומטפ נווופ, ווטר נוופ נטנמו נוווופ.		
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