

Xtremesoft

Inconsistent Performance?

Why is the application's performance so unpredictable?

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Problem:

I don't know my 'typical' method durations.

You have to know,

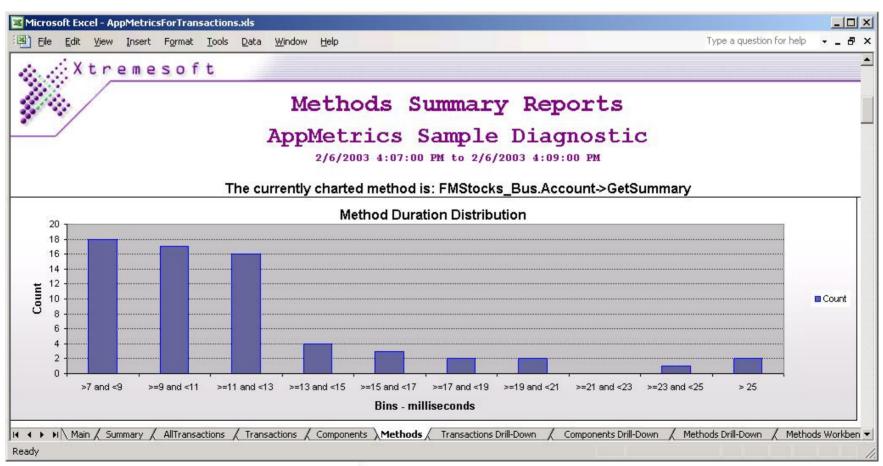
- what is if the average duration metric
- Is it representative of the typical duration, or if the average is being skewed by 'outlier' method instances.

If you are to identify the possible performance bottlenecks



Solution: Method Duration Distribution Report

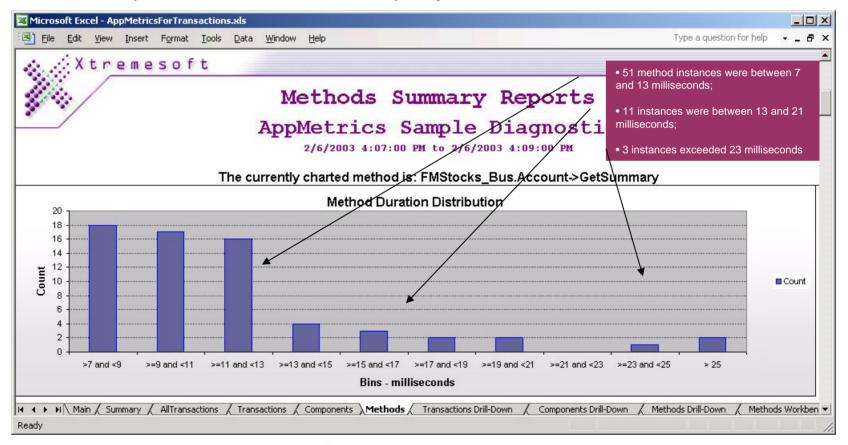
The Method Duration Distribution Report creates 10 evenly-sized 'bins', and displays the count of method instances that fell into each bin during the selected time window. This provides a view of the typical durations of methods, with an indication of the quantity of outliers -





Solution: Method Duration Distribution Report

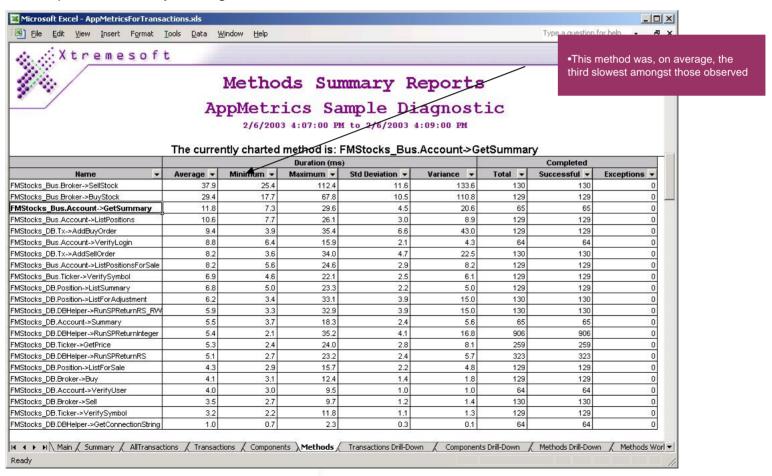
The Method Duration Distribution Report creates 10 evenly-sized 'bins', and displays the count of method instances that fell into each bin during the selected time window. This provides a view of the typical method durations of methods in production, with an indication of the quantity of outliers -





Solution: Method Aggregate Report

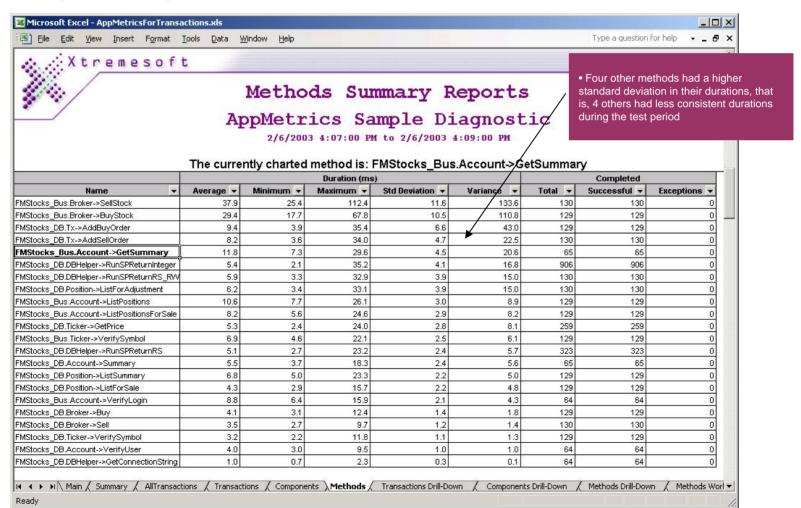
A variety of aggregate metrics are supplied for each of the observed methods during the test window. Here the report is sorted by Average Duration.





Solution: Method Aggregate Report

A variety of aggregate metrics are supplied for each of the observed methods during the test window. Here the report is sorted by Standard Deviation





Our Customers tell us that:

"We accomplished a BIG performance gain - the final code runs 7 times faster (about 14%) than the original one."