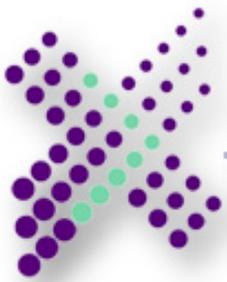


X t r e m e s o f t

## Need Early Warning?

How can we be warned of an  
application slowing down,  
before the user complains?

[www.xtremesoft.com](http://www.xtremesoft.com)



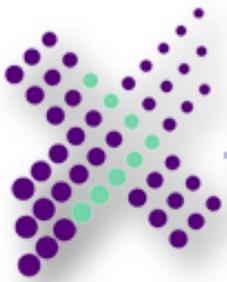
# Need Early Warning?

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Problem:

- Your website is slow.
- Customers Complain.
- Marketing calls Operations.
- Operations Calls you.

Wouldn't you like to be the first to know when there's a problem?

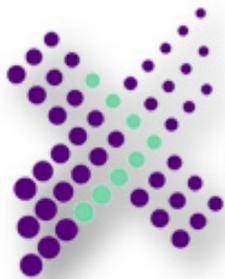


# Realtime Problem Detection

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Xtremesoft AppMetrics® monitors your application in real-time, and compares it to your established Benchmarks:

- COM+ Application Resources
- Transaction Metrics
- Component Metrics

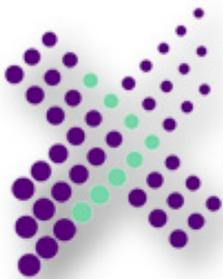


# Application Resource Benchmarks

The screenshot shows the AppMetrics console interface. The title bar reads "AppMetrics - [Console Root\AppMetrics Console\Application Monitors\Prod1\Benchmarks and Thresholds]". The menu bar includes "Console", "Window", and "Help". The toolbar contains icons for "Action", "View", "Favorites", and navigation. The left pane shows a tree view with "Console Root" expanded to "AppMetrics Console" > "Application Monitors" > "Prod1" > "Benchmarks and Thresholds". The right pane has tabs for "All Transactions", "Transactions", "Components", "Threshold Defaults", "Applications", and "Setup". The "Applications" tab is active, showing "Application Process Thresholds" for the application "FMStocks 2000 Core".

	Last Recording		Warning Level		Notification Level
Percent CPU	0	<input checked="" type="checkbox"/>	5	<input checked="" type="checkbox"/>	10
Threads	0	<input checked="" type="checkbox"/>	200	<input checked="" type="checkbox"/>	500
Page Faults Per Second	0	<input checked="" type="checkbox"/>	1000	<input checked="" type="checkbox"/>	2000
Virtual Bytes	0	<input checked="" type="checkbox"/>	1000000	<input checked="" type="checkbox"/>	2000000
Working Set	0	<input checked="" type="checkbox"/>	200000	<input checked="" type="checkbox"/>	300000

Number of intervals\* to wait before sending same warning:   
Number of intervals\* to wait before sending same notification:   
\* There are  seconds per interval



# Transaction Benchmarks

The screenshot shows the AppMetrics console interface. The left pane displays a tree view of the application structure, with 'Prod1' > 'Benchmarks and Thresholds' selected. The main pane shows the configuration for a transaction benchmark.

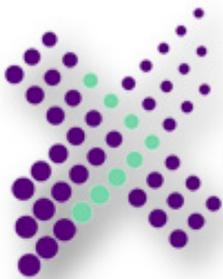
**Transaction Configuration:**

- Transaction Name: `/fmstocks/chartportfolio.asp|FMStocks 2000 Core|FMStocks_Bus.Account|ListPositions`
- Active Server Page URL: `/fmstocks/chartportfolio.asp`
- First Component in Transaction: `FMStocks_Bus.Account`
- First Method in Transaction: `ListPositions`

**Performance Metrics:**

	Last Recording	Current Benchmark	Warning Level	Notification Level
Number Aborted	0	1	50 %	75 %
Number Started	2	2	50 %	75 %
Duration (ms)	26	26	50 %	75 %

Buttons: Copy to Current, Apply, Cancel



# Component Benchmarks

The screenshot shows the AppMetrics console interface. The left pane displays a tree view of the application structure, with 'Benchmarks and Thresholds' selected under 'Prod1'. The main pane shows the 'Components' tab for the selected component 'FMStocks\_Bus.Account'. It includes a table of benchmark data and control buttons.

Choose a Component

Application: FMStocks 2000 Core

Component: FMStocks\_Bus.Account

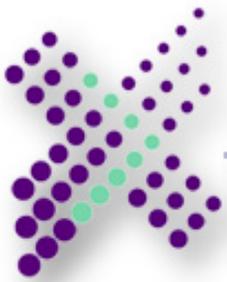
Add Remove

FMStocks\_Bus.Account

	Last Recording	Current Benchmark	Warning Level	Notification Level
Number Aborted	0	1	50 %	75 %
Number Started	8	8	50 %	75 %
Duration (ms)	104	104	50 %	75 %

Copy to Current

Apply Cancel



# If Metric > Benchmark then Alert

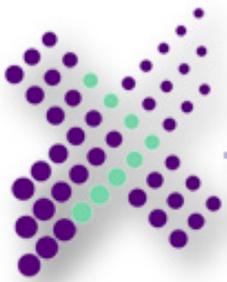
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Alerts are published via Notifications:

- Windows Event Viewer
- SMTP (e-mail, pager)
- SNMP (Traditional Management Frameworks)
- Custom Component (automated response)

AppMetrics detects the problem notifies you by

- e-mail or pager
  - Your Management Console, via Windows Event Viewer or SNMP
- AppMetrics can also publish alerts to your custom component, enabling automated 'detect and correct' scenarios.



## Need Early Warning?

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Our Customers tell us that:

*"By using AppMetrics, the availability of the application has increased by several percentage points. Considering for every one percentage point of additional availability 1000 man-hours of down-time are saved--this has resulted in millions of dollars in improved efficiency throughout our organization."*