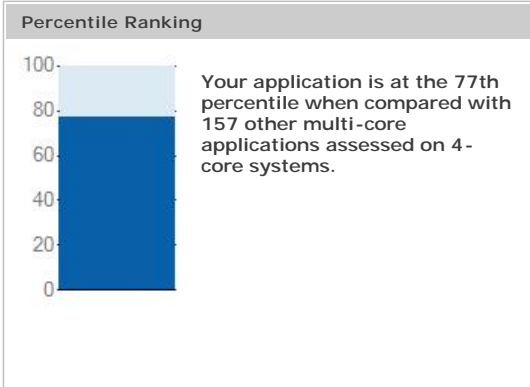




### Software Assessment Report for Multi-core

Product: MediaCoder

Project: MediaCoder 0.7



**Your System Information**

Processor: I64 Family 6 Model 15 Stepping 11 Intel(R) Core(TM)2 Quad CPU Q6600 @ 2.40GHz

Operating System: Microsoft Windows 7 (build 7600), 64-bit

Cores: 4

Sockets: 1

Logicals: 4

Tool Name: Intel(R) Concurrency Checker

Tool Version: 3.5.0.16

### Results and Recommendations

This information reflects data measured during your software assessment on Wednesday, August 18, 2010 16:21:53.

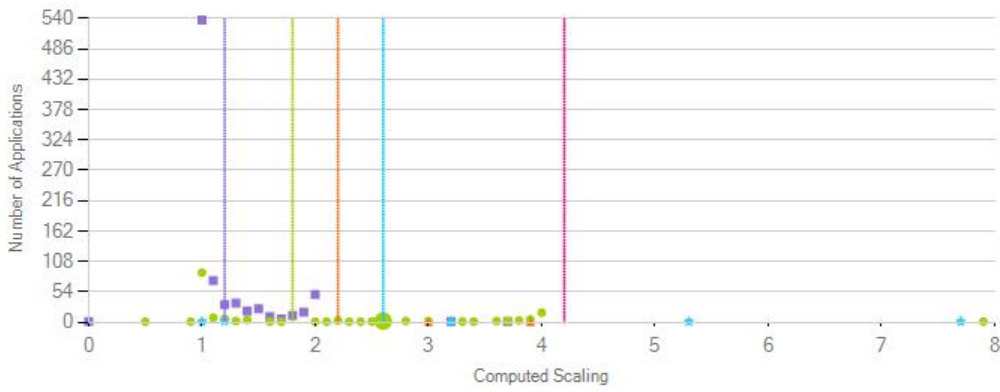
Measured Item	Measured Value	Suggested Min. Value	Recommended Action
<i>Computed Scaling</i> is the average number of threads (or processes) that could have run during your assessment. It predicts the performance improvement factor when your application is run on a multi-core system, compared to a single-core system.	2.61	1.8 or higher	N/A

### Comparative Results

**Computed Scaling Assessment**

This information reflects your software assessment results along with the results of other similar member applications submitted.

Your Computed Scaling value is 2.6. ● is your result.



**Suggested Minimum Values for Computed Scaling**

■ 2 Cores	- - - 1.2 suggested minimum value
● 4 Cores	- - - 1.8 suggested minimum value
▲ 6 Cores	- - - 2.2 suggested minimum value
★ 8 Cores	- - - 2.6 suggested minimum value
◆ 16 Cores	- - - 4.2 suggested minimum value

**Workload Measurements**

**Workload Concurrency**

Elapsed time: 30 seconds  
 Parallel time: 77.70 %

	Minimum	Average	Maximum
CPU Utilization Percentage	100.00	100.00	100.00
Concurrency Level	2	3.14	6

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