

# Homework Assignment 4: AcceleratedGUI

Michael Edelman

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## 1 Number Of Cores

- According to Java: 8 - (Java counts Hyper-Threads, Java's calculation is 1 CPU x 4 cores x 2 threads = 8 total cores.)
- According to Task Manager: 4

## 2 Performance

Table 1: Performance		
Threads Utilized i (i = 1..ncores)	Duration ( <i>seconds</i> )	Percent Improvement %
1	12.789	0%
2	6.784	188%
3	3.632	325%
4	2.453	520%
5	1.829	711%
6	1.578	847%
7	1.349	948%
8	1.254	1022%