Universidad Del Valle de Guatemala Guatemala 9/02/18

Algoritmos y estructuras de datos Sección 10

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Hoja de trabajo 3

Para la medición de los tiempos de cada sort, se utilizó el profiler que traer netbeans por defecto.7

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | quick | | bubble | | gnome | | radix | | merge | |
|  | real | ordenados | real | ordenados | real | ordenados | real | ordenados | real | ordenados |
| 300 | 0.47 | 2.45 | 7.9 | 0.925 | 19 | 0.022 | 2.92 | 2.5 | 0.382 | 1.3 |
| 600 | 1.35 | 1.44 | 22.7 | 1.86 | 32.7 | 0.017 | 6.7 | 4.81 | 4.81 | 2.22 |
| 900 | 11.1 | 3.95 | 49.4 | 3.19 | 53.1 | 0.073 | 4.21 | 2.52 | 2.52 | 2.37 |
| 1200 | 9.51 | 4.43 | 143 | 4.11 | 137 | 0.031 | 11.4 | 3.33 | 3.33 | 3.3 |
| 1500 | 12.6 | 9.42 | 220 | 5.42 | 170 | 0.076 | 13.8 | 3.95 | 3.1 | 3.18 |
| 1800 | 9.53 | 10.2 | 203 | 7.71 | 207 | 0.044 | 15.2 | 4.43 | 3.43 | 5.13 |
| 2100 | 10.3 | 16.1 | 117 | 11 | 306 | 0.113 | 23.4 | 9.42 | 4.72 | 2.75 |
| 2400 | 12.3 | 14.9 | 384 | 14 | 384 | 0.104 | 31.2 | 10.2 | 5.5 | 3.15 |
| 2700 | 10.8 | 19.8 | 334 | 16.6 | 482 | 0.061 | 34.4 | 16.6 | 4.2 | 3.65 |
| 3000 | 12.7 | 24.9 | 414 | 20.2 | 572 | 0.146 | 40.6 | 20.2 | 3.94 | 3.66 |

Repositorio

<https://github.com/paulbelches/HDT3.git>