|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Tempos Médios** |  |  |  |  |  |  |  |
| DataSize | Rep | Erlang | Java - Normal | Scala - Normal | Uarini | Java - MaxHipeSize | Scala - MaxHipeSize |
| 5000 | 5000 | 7803,4 | 91170,5 | 263680,8 | 9156,3 | 57651,1 | 278610 |
| 5000 | 10000 | 15602,6 | 123544,9 | 397122,5 | 18305,7 | 92977,7 | 416056,2 |
| 5000 | 50000 | 77787,4 | 424955,1 | 921508,7 | 95679,1 | 357970 | 945391,3 |
| 5000 | 100000 | 161021,6 | 718688,6 | 1482954,8 | 180630,7 | 602811,9 | 1472415,8 |
| 5000 | 500000 | 769795,2 | 3265609,9 | 5773763,8 | 886731,7 | 2526993,2 | 5819163,7 |
| 5000 | 1000000 | 1532884 | 7760561,6 | 11468408,6 | 1762606 | 4944151,1 | 11027118,3 |
| 5000 | 5000000 | 8780321 | 44774002 | 55993997,9 | 8861282 | 24262742,6 | 53337842 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| DataSize | Rep | Erlang | Java - Normal | Scala - Normal | Uarini | Java - MaxHipeSize | Scala - MaxHipeSize |
| 10000 | 5000 | 10237,1 | 153348,2 | 295012,1 | 12263,7 | 99801,8 | 318945,3 |
| 10000 | 10000 | 20371,8 | 270110,1 | 448443,7 | 24081,6 | 172281,4 | 495019,9 |
| 10000 | 50000 | 104678,1 | 720644,5 | 1152613,5 | 122341,5 | 602155,7 | 1177951,2 |
| 10000 | 100000 | 204963,5 | 1318372,2 | 1946055,4 | 246268,7 | 1077286,1 | 2007375,1 |
| 10000 | 500000 | 1010039 | 8502428,8 | 8277019,4 | 1188940 | 4971772,1 | 8127042,7 |
| 10000 | 1000000 | 2002264 | 17877359,2 | 16380197,3 | 2367333 | 9937498,5 | 15724382,5 |
| 10000 | 5000000 | 11686120 | 95590922 | 81137435,1 | 11824862 | 48046823,9 | 76375849,9 |
|  |  |  |  |  |  |  |  |
| DataSize | Rep | Erlang | Java - Normal | Scala - Normal | Uarini | Java - MaxHipeSize | Scala - MaxHipeSize |
| 50000 | 5000 | 42013,6 | 434069,3 | 529149,5 | 53812,9 | 377902,4 | 568685,6 |
| 50000 | 10000 | 84008,2 | 720225,3 | 851693,2 | 104984,7 | 617093,4 | 858310 |
| 50000 | 50000 | 425180,3 | 3831045,9 | 3068172,9 | 530444,3 | 2766632,4 | 3059892,2 |
| 50000 | 100000 | 843145,8 | 7887854,7 | 5775218,9 | 1052906 | 5093314,3 | 5670936,5 |
| 50000 | 500000 | 4190709 | 45033382,5 | 27218897,8 | 5136023 | 24326740,3 | 26178134,2 |
| 50000 | 1000000 | 8341446 | 90494583,9 | 53562404,8 | 10230928 | 47962825,9 | 51796626,1 |
| 50000 | 5000000 | 50982556 | 463697122,2 | 265680340,6 | 50971099 | 238277416,4 | 259000318,2 |
|  |  |  |  |  |  |  |  |
| DataSize | Rep | Erlang | Java - Normal | Scala - Normal | Uarini | Java - MaxHipeSize | Scala - MaxHipeSize |
| 100000 | 5000 | 96821,7 | 779601,3 | 813428,8 | 95735,4 | 613676,3 | 812858,7 |
| 100000 | 10000 | 191184 | 1265966,9 | 1360003,7 | 191463,3 | 1125369,1 | 1393790,8 |
| 100000 | 50000 | 957884,5 | 8236802 | 5260769,7 | 963918,4 | 5127441,6 | 5346648,5 |
| 100000 | 100000 | 1916452 | 17801205,2 | 10139234 | 1912200 | 9988457,1 | 10195960,1 |
| 100000 | 500000 | 9406641 | 91689499 | 48854926,2 | 9419430 | 48065443,9 | 48216093,4 |
| 100000 | 1000000 | 18765067 | 182972974,7 | 96477027,4 | 18777684 | 95499371,3 | 96537852,2 |
| 100000 | 5000000 | 93507740 | 912513321,2 | 482050984,4 | 93656190 | 477536174,5 | 477835006 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| **Tempo Total** |  |  |  |  |  |  |  |
| DataSize | Rep | Erlang | Java - Normal | Scala - Normal | Uarini | Java - MaxHipeSize | Scala - MaxHipeSize |
| 5000 | 5000 | 78034 | 911705 | 2636808 | 91563 | 576511 | 2786100 |
| 5000 | 10000 | 156026 | 1235449 | 3971225 | 183057 | 929777 | 4160562 |
| 5000 | 50000 | 777874 | 4249551 | 9215087 | 956791 | 3579700 | 9453913 |
| 5000 | 100000 | 1610216 | 7186886 | 14829548 | 1806307 | 6028119 | 14724158 |
| 5000 | 500000 | 7697952 | 32656099 | 57737638 | 8867317 | 25269932 | 58191637 |
| 5000 | 1000000 | 15328840 | 77605616 | 114684086 | 17626060 | 49441511 | 110271183 |
| 5000 | 5000000 | 87803210 | 447740020 | 559939979 | 88612820 | 242627426 | 533378420 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| DataSize | Rep | Erlang | Java - Normal | Scala - Normal | Uarini | Java - MaxHipeSize | Scala - MaxHipeSize |
| 10000 | 5000 | 102371 | 1533482 | 2950121 | 122637 | 998018 | 3189453 |
| 10000 | 10000 | 203718 | 2701101 | 4484437 | 240816 | 1722814 | 4950199 |
| 10000 | 50000 | 1046781 | 7206445 | 11526135 | 1223415 | 6021557 | 11779512 |
| 10000 | 100000 | 2049635 | 13183722 | 19460554 | 2462687 | 10772861 | 20073751 |
| 10000 | 500000 | 10100390 | 85024288 | 82770194 | 11889400 | 49717721 | 81270427 |
| 10000 | 1000000 | 20022640 | 178773592 | 163801973 | 23673330 | 99374985 | 157243825 |
| 10000 | 5000000 | 116861200 | 955909220 | 811374351 | 118248620 | 480468239 | 763758499 |
|  |  |  |  |  |  |  |  |
| DataSize | Rep | Erlang | Java - Normal | Scala - Normal | Uarini | Java - MaxHipeSize | Scala - MaxHipeSize |
| 50000 | 5000 | 420136 | 4340693 | 5291495 | 538129 | 3779024 | 5686856 |
| 50000 | 10000 | 840082 | 7202253 | 8516932 | 1049847 | 6170934 | 8583100 |
| 50000 | 50000 | 4251803 | 38310459 | 30681729 | 5304443 | 27666324 | 30598922 |
| 50000 | 100000 | 8431458 | 78878547 | 57752189 | 10529060 | 50933143 | 56709365 |
| 50000 | 500000 | 41907090 | 450333825 | 272188978 | 51360230 | 243267403 | 261781342 |
| 50000 | 1000000 | 83414460 | 904945839 | 535624048 | 102309280 | 479628259 | 517966261 |
| 50000 | 5000000 | 509825560 | 4636971222 | 2656803406 | 509710990 | 2382774164 | 2590003182 |
|  |  |  |  |  |  |  |  |
| DataSize | Rep | Erlang | Java - Normal | Scala - Normal | Uarini | Java - MaxHipeSize | Scala - MaxHipeSize |
| 100000 | 5000 | 968217 | 7796013 | 8134288 | 957354 | 6136763 | 8128587 |
| 100000 | 10000 | 1911840 | 12659669 | 13600037 | 1914633 | 11253691 | 13937908 |
| 100000 | 50000 | 9578845 | 82368020 | 52607697 | 9639184 | 51274416 | 53466485 |
| 100000 | 100000 | 19164520 | 178012052 | 101392340 | 19122000 | 99884571 | 101959601 |
| 100000 | 500000 | 94066410 | 916894990 | 488549262 | 94194300 | 480654439 | 482160934 |
| 100000 | 1000000 | 187650670 | 1829729747 | 964770274 | 187776840 | 954993713 | 965378522 |
| 100000 | 5000000 | 935077400 | 9125133212 | 4820509844 | 936561900 | 4775361745 | 4778350060 |