Laborator 3 PPD

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Cazuri de testare

1. Programul porneste 4 threaduri : T1 adauga 10 valori, T2 adauga 5 valori, T3 sterge 7 valori, T4 itereaza lista la 12ms.

Fisierul de log pentru sincronizarea coarse-grained :

19:05:13.204 Simulation started

19:05:13.216 T3 deletion#1 started 6.0

19:05:13.217 T2 insertion#1 started 6.0

19:05:13.218 T1 insertion#1 started 3.0

19:05:13.220 T2 insertion#1 ended 6.0

19:05:13.221 T3 deletion#1 ended 6.0

19:05:13.223 T1 insertion#1 ended 3.0

19:05:13.225 T2 insertion#2 started 6.0

19:05:13.227 T3 deletion#2 started 6.0

19:05:13.228 T4 iteration start

19:05:13.229 T2 insertion#2 ended 6.0

19:05:13.232 T4 iteration ended ; [3.0, 6.0]

19:05:13.233 T1 insertion#2 started 1.0

19:05:13.235 T1 insertion#2 ended 1.0

19:05:13.237 T3 deletion#2 ended 6.0

19:05:13.238 T2 insertion#3 started 9.0

19:05:13.240 T2 insertion#3 ended 9.0

19:05:13.242 T1 insertion#3 started 3.0

19:05:13.243 T3 deletion#3 started 3.0

19:05:13.245 T2 insertion#4 started 6.0

19:05:13.246 T3 deletion#3 ended 3.0

19:05:13.248 T1 insertion#3 ended 3.0

19:05:13.249 T4 iteration start

19:05:13.251 T3 deletion#4 started 6.0

19:05:13.252 T2 insertion#4 ended 6.0

19:05:13.254 T1 insertion#4 started 9.0

19:05:13.255 T3 deletion#4 ended 6.0

19:05:13.257 T4 iteration ended ; [1.0, 3.0, 6.0, 6.0, 9.0]

19:05:13.258 T2 insertion#5 started 1.0

19:05:13.261 T1 insertion#4 ended 9.0

19:05:13.262 T3 deletion#5 started 1.0

19:05:13.263 T3 deletion#5 ended 1.0

19:05:13.265 T2 insertion#5 ended 1.0

19:05:13.266 T1 insertion#5 started 6.0

19:05:13.268 T3 deletion#6 started 0.0

19:05:13.270 T3 deletion#6 ended 0.0

19:05:13.271 T1 insertion#5 ended 6.0

19:05:13.273 T4 iteration start

19:05:13.275 T3 deletion#7 started 6.0

19:05:13.277 T4 iteration ended ; [1.0, 3.0, 6.0, 6.0, 9.0, 9.0]

19:05:13.277 T1 insertion#6 started 0.0

19:05:13.280 T3 deletion#7 ended 6.0

19:05:13.282 T1 insertion#6 ended 0.0

19:05:13.287 T1 insertion#7 started 4.0

19:05:13.289 T1 insertion#7 ended 4.0

19:05:13.292 T4 iteration start

19:05:13.293 T4 iteration ended ; [0.0, 1.0, 3.0, 4.0, 6.0, 9.0, 9.0]

19:05:13.294 T1 insertion#8 started 8.0

19:05:13.297 T1 insertion#8 ended 8.0

19:05:13.302 T1 insertion#9 started 6.0

19:05:13.303 T1 insertion#9 ended 6.0

19:05:13.308 T4 iteration start

19:05:13.309 T1 insertion#10 started 5.0

19:05:13.309 T4 iteration ended ; [0.0, 1.0, 3.0, 4.0, 6.0, 6.0, 8.0, 9.0, 9.0]

19:05:13.309 T1 insertion#10 ended 5.0

19:05:13.326 T4 iteration start

19:05:13.326 T4 iteration ended ; [0.0, 1.0, 3.0, 4.0, 5.0, 6.0, 6.0, 8.0, 9.0, 9.0]

Logul intern al listei:

Lock acquired for deleting : 6.0

Lock released for deleting : 6.0

Lock acquired for inserting : 6.0

Lock released for inserting : 6.0

Lock acquired for inserting : 3.0

Lock released for inserting : 3.0

Lock acquired for inserting : 6.0

Lock released for inserting : 6.0

Lock acquired for deleting : 6.0

Lock released for deleting : 6.0

Lock acquired for iterator

Lock released for iterator

Lock acquired for inserting : 1.0

Lock released for inserting : 1.0

Lock acquired for inserting : 9.0

Lock released for inserting : 9.0

Lock acquired for inserting : 3.0

Lock released for inserting : 3.0

Lock acquired for deleting : 3.0

Lock released for deleting : 3.0

Lock acquired for inserting : 6.0

Lock released for inserting : 6.0

Lock acquired for iterator

Lock released for iterator

Lock acquired for deleting : 6.0

Lock released for deleting : 6.0

Lock acquired for inserting : 9.0

Lock released for inserting : 9.0

Lock acquired for inserting : 1.0

Lock released for inserting : 1.0

Lock acquired for deleting : 1.0

Lock released for deleting : 1.0

Lock acquired for inserting : 6.0

Lock released for inserting : 6.0

Lock acquired for deleting : 0.0

Lock released for deleting : 0.0

Lock acquired for iterator

Lock released for iterator

Lock acquired for deleting : 6.0

Lock released for deleting : 6.0

Lock acquired for inserting : 0.0

Lock released for inserting : 0.0

Lock acquired for inserting : 4.0

Lock released for inserting : 4.0

Lock acquired for iterator

Lock released for iterator

Lock acquired for inserting : 8.0

Lock released for inserting : 8.0

Lock acquired for inserting : 6.0

Lock released for inserting : 6.0

Lock acquired for iterator

Lock released for iterator

Lock acquired for inserting : 5.0

Lock released for inserting : 5.0

Lock acquired for iterator

Lock released for iterator

Fisierul de log pentru sincronizarea fine-grained:

Logul intern al listei:

1. Programul porneste 4 threaduri : T1 adauga 100 valori, T2 adauga 50 valori, T3 sterge 50 valori, T4 itereaza lista la 20 milisecunde(timp necesar inserarii a 10 valori determinat experimental).