

Résumé Journalier

Joffrey Hérard

14 avril 2017

1 Premier tests

1.1 Création des machines

Les premiers tests ont été réalisés par Phoronix sur 25 machines virtuelles gérées par Docker. Ne connaissant pas comment créer un ensemble de machines virtuelles elles ont été créées avec la ligne suivante simplement répétées 25 fois :

Listing 1 – dmesg

```
docker run -d docker_phoronix
```

1.2 Liste des tests

Voici la liste des tests effectués durant celle-ci :

1.3 Résultats des tests

Listing 2 – TSCP 1.81

AI Chess Performance

Nodes Per Second

| | | | | |
|---------------|------------|----|--------|-------|
| 7d55ce05e9b1: | 2017-04-13 | .. | 249717 | ===== |
| 314e74962aec: | 2017-04-13 | .. | 237295 | ===== |
| f5fdc35141f9: | 2017-04-13 | .. | 237411 | ===== |
| ad7e270e4197: | 2017-04-13 | .. | 231290 | ===== |
| 0fa461813f89: | 2017-04-13 | .. | 227093 | ===== |
| 6f26278ea07b: | 2017-04-13 | .. | 229014 | ===== |
| 7fe03ee3e70a: | 2017-04-13 | .. | 222428 | ===== |
| d4d9fa6392b1: | 2017-04-13 | .. | 228357 | ===== |
| 3bdadb59c8c3: | 2017-04-13 | .. | 413834 | ===== |
| 941543a66dff: | 2017-04-13 | .. | 244422 | ===== |
| a44398b1777e: | 2017-04-13 | .. | 248440 | ===== |
| ec3442d5a0d8: | 2017-04-13 | .. | 239893 | ===== |
| 3b98a0374c9b: | 2017-04-13 | .. | 240894 | ===== |
| 7d13c373c1b2: | 2017-04-13 | .. | 243144 | ===== |
| 4544939d5a2c: | 2017-04-13 | .. | 248123 | ===== |
| a34cef5d79ca: | 2017-04-13 | .. | 250212 | ===== |
| d31b56969f78: | 2017-04-13 | .. | 237767 | ===== |
| 0f0cf11c5d4e: | 2017-04-13 | .. | 241933 | ===== |
| 12b01026ea1c: | 2017-04-13 | .. | 252940 | ===== |
| bde3832f4764: | 2017-04-13 | .. | 232855 | ===== |
| d26bce03c5e4: | 2017-04-13 | .. | 240303 | ===== |
| ae3bafd196ba: | 2017-04-13 | .. | 259393 | ===== |
| 84ade1fa26a3: | 2017-04-13 | .. | 252744 | ===== |
| 164975aaa066: | 2017-04-13 | .. | 237458 | ===== |
| fc47e28df989: | 2017-04-13 | .. | 235653 | ===== |

Listing 3 – 7-Zip Compression 9.20.1

Compress Speed Test

MIPS

| | | | | |
|---------------|------------|----|------|-------|
| 7d55ce05e9b1: | 2017-04-13 | .. | 887 | ===== |
| 314e74962aec: | 2017-04-13 | .. | 892 | ===== |
| f5fdc35141f9: | 2017-04-13 | .. | 905 | ===== |
| ad7e270e4197: | 2017-04-13 | .. | 887 | ===== |
| 0fa461813f89: | 2017-04-13 | .. | 892 | ===== |
| 6f26278ea07b: | 2017-04-13 | .. | 889 | ===== |
| 7fe03ee3e70a: | 2017-04-13 | .. | 913 | ===== |
| d4d9fa6392b1: | 2017-04-13 | .. | 894 | ===== |
| 3bdadb59c8c3: | 2017-04-13 | .. | 1760 | ===== |
| 941543a66dff: | 2017-04-13 | .. | 898 | ===== |
| a44398b1777e: | 2017-04-13 | .. | 912 | ===== |
| ec3442d5a0d8: | 2017-04-13 | .. | 921 | ===== |
| 3b98a0374c9b: | 2017-04-13 | .. | 893 | ===== |
| 7d13c373c1b2: | 2017-04-13 | .. | 900 | ===== |
| 4544939d5a2c: | 2017-04-13 | .. | 894 | ===== |
| a34cef5d79ca: | 2017-04-13 | .. | 894 | ===== |
| d31b56969f78: | 2017-04-13 | .. | 906 | ===== |
| 0f0cf11c5d4e: | 2017-04-13 | .. | 925 | ===== |
| 12b01026ea1c: | 2017-04-13 | .. | 891 | ===== |
| bde3832f4764: | 2017-04-13 | .. | 901 | ===== |
| d26bce03c5e4: | 2017-04-13 | .. | 908 | ===== |
| ae3bafd196ba: | 2017-04-13 | .. | 916 | ===== |
| 84ade1fa26a3: | 2017-04-13 | .. | 891 | ===== |
| 164975aaa066: | 2017-04-13 | .. | 905 | ===== |
| fc47e28df989: | 2017-04-13 | .. | 904 | ===== |

Listing 4 – Crafty 23.4

Crafty 23.4

Elapsed Time

Seconds

| | | | | |
|---------------|------------|----|--------|-------|
| 7d55ce05e9b1: | 2017-04-13 | .. | 391.64 | ===== |
| 314e74962aec: | 2017-04-13 | .. | 402.32 | ===== |
| f5fdc35141f9: | 2017-04-13 | .. | 406.29 | ===== |
| ad7e270e4197: | 2017-04-13 | .. | 394.59 | ===== |
| 0fa461813f89: | 2017-04-13 | .. | 401.69 | ===== |
| 6f26278ea07b: | 2017-04-13 | .. | 397.22 | ===== |
| 7fe03ee3e70a: | 2017-04-13 | .. | 412.32 | ===== |
| d4d9fa6392b1: | 2017-04-13 | .. | 386.83 | ===== |
| 3bdadb59c8c3: | 2017-04-13 | .. | 423.91 | ===== |
| 941543a66dff: | 2017-04-13 | .. | 412.00 | ===== |
| a44398b1777e: | 2017-04-13 | .. | 421.10 | ===== |
| ec3442d5a0d8: | 2017-04-13 | .. | 410.93 | ===== |
| 3b98a0374c9b: | 2017-04-13 | .. | 409.47 | ===== |
| 7d13c373c1b2: | 2017-04-13 | .. | 415.19 | ===== |
| 4544939d5a2c: | 2017-04-13 | .. | 416.59 | ===== |
| a34cef5d79ca: | 2017-04-13 | .. | 417.34 | ===== |
| d31b56969f78: | 2017-04-13 | .. | 410.71 | ===== |
| 0f0cf11c5d4e: | 2017-04-13 | .. | 410.99 | ===== |
| 12b01026ea1c: | 2017-04-13 | .. | 416.54 | ===== |
| bde3832f4764: | 2017-04-13 | .. | 409.11 | ===== |
| d26bce03c5e4: | 2017-04-13 | .. | 418.15 | ===== |
| ae3bafd196ba: | 2017-04-13 | .. | 412.92 | ===== |
| 84ade1fa26a3: | 2017-04-13 | .. | 422.18 | ===== |
| 164975aaa066: | 2017-04-13 | .. | 413.58 | ===== |
| fc47e28df989: | 2017-04-13 | .. | 412.24 | ===== |

Listing 5 – POV-Ray 3.7.0

POV-Ray 3.7.0

Total Time

Seconds

| | | | | |
|---------------|------------|----|---------|-------|
| 7d55ce05e9b1: | 2017-04-13 | .. | 2173.46 | ===== |
| 314e74962aec: | 2017-04-13 | .. | 2188.09 | ===== |
| f5fdc35141f9: | 2017-04-13 | .. | 2205.96 | ===== |
| ad7e270e4197: | 2017-04-13 | .. | 3938.14 | ===== |
| 0fa461813f89: | 2017-04-13 | .. | 4003.81 | ===== |
| 6f26278ea07b: | 2017-04-13 | .. | 3964.54 | ===== |
| 7fe03ee3e70a: | 2017-04-13 | .. | 3995.65 | ===== |
| d4d9fa6392b1: | 2017-04-13 | .. | 3966.87 | ===== |
| 3bdadb59c8c3: | 2017-04-13 | .. | 4065.43 | ===== |
| 941543a66dff: | 2017-04-13 | .. | 4116.07 | ===== |
| a44398b1777e: | 2017-04-13 | .. | 4152.06 | ===== |
| ec3442d5a0d8: | 2017-04-13 | .. | 4024.96 | ===== |
| 3b98a0374c9b: | 2017-04-13 | .. | 4101.67 | ===== |
| 7d13c373c1b2: | 2017-04-13 | .. | 4099.88 | ===== |
| 4544939d5a2c: | 2017-04-13 | .. | 4077.89 | ===== |
| a34cef5d79ca: | 2017-04-13 | .. | 4085.45 | ===== |
| d31b56969f78: | 2017-04-13 | .. | 4074.80 | ===== |
| 0f0cf11c5d4e: | 2017-04-13 | .. | 4105.64 | ===== |
| 12b01026ea1c: | 2017-04-13 | .. | 4060.79 | ===== |
| bde3832f4764: | 2017-04-13 | .. | 4101.83 | ===== |
| d26bce03c5e4: | 2017-04-13 | .. | 4061.00 | ===== |
| ae3bafd196ba: | 2017-04-13 | .. | 4054.73 | ===== |
| 84ade1fa26a3: | 2017-04-13 | .. | 4042.30 | ===== |
| 164975aaa066: | 2017-04-13 | .. | 4117.10 | ===== |
| fc47e28df989: | 2017-04-13 | .. | 4050.81 | ===== |

1.4 Prochains tests

- aiostress 1.1.1 RandomWrite
- blogbench 1.0.0 Read et Write
- fio 1.9.0 Random Write Buffered Direct Block size = 4kb
- io 1.9.0 Random Read Buffered Direct Block size = 4kb
- fio 1.9.0 Sequential Write Buffered Direct Block size = 4kb
- io 1.9.0 Sequential Read Buffered Direct Block size = 4kb