Comandos utilizados para executar Benchmark (runcpu)

* Realizar o build de todos os benchmarks:
  + runcpu --config=rubens-try1 --action=build all
* Executa pelos nomes ou número dos benchmarks
  + runcpu -c jason\_july09d --noreportable 503.bwaves\_r 510.parest 603.bwaves\_s
  + runcpu -c jason\_july09d --noreportable 503 510 603
  + runcpu -c jason\_july09d --noreportable parest bwaves\_r bwaves\_s
  + runcpu -c jason\_july09d --noreportable pare bwaves\_r bwaves\_s
* Executa uma suíte ou métrica exceto um/alguns benchmarks
  + runcpu --noreportable -c kathy\_sep14c fprate ^503 ^pare
  + **runcpu --noreportable -c rubens-try1 intspeed ^657**
* Quick Start
  + https://www.spec.org/cpu2017/Docs/quick-start.html

**Etapas de Execução do Benchmark**

1. Ajustes no arquivo de configuração a partir do template para ambiente Linux: rubens-try1.cfg

1. Build de todos os programas dos benchmarks: fprate, fpspeed, intrate e intspeed
   * runcpu --config=rubens-try1 --action=build all
2. Execução do benchmark **intspeed**:
   * runcpu --config=rubens-try1 --reportable --iterations=3 intrate

* + runcpu --config=rubens-try1 --reportable --iterations=3 intspeed ^657
  + Execução parcial de dois benchmarks:
    1. runcpu --config=rubens-try1 --noreportable --iterations=3 600.perlbench\_s 602.gcc\_s
  + runcpu --config=rubens-try1 --noreportable --iterations=3 600.perlbench\_s 602.gcc\_s 605.mcf\_s 620.omnetpp\_s 623.xalancbmk\_s 625.x264\_s 631.deepsjeng\_s 641.leela\_s 648.exchange2\_s 657.xz\_s 998.specrand\_is
  + **Remoção do 657.xz\_s – Execução 1:**

**runcpu --config=rubens-try1 --noreportable --iterations=3 600.perlbench\_s 602.gcc\_s 605.mcf\_s 620.omnetpp\_s 623.xalancbmk\_s 625.x264\_s 631.deepsjeng\_s 641.leela\_s 648.exchange2\_s 998.specrand\_is**

**copies = 4 e threads = 4**

**iterations = 3**

**Duração: 17993 s 🡪 4.99 hs**

**Log: CPU2017.057.log**

* + **Remoção do 657.xz\_s – Execução 2:**

**runcpu --config=rubens-try1 --noreportable --iterations=3 600.perlbench\_s 602.gcc\_s 605.mcf\_s 620.omnetpp\_s 623.xalancbmk\_s 625.x264\_s 631.deepsjeng\_s 641.leela\_s 648.exchange2\_s 998.specrand\_is**

**copies = 16 e threads = 16**

**iterations = 3**

**Duração: 32523 s 🡪 9.03 hs**

**Log: CPU2017.060.log**

1. Execução do benchmark **fpspeed**:
   * runcpu --config=rubens-try1 --reportable --iterations=3 fpspeed
     1. dá erro no 627.cam4\_s
   * **Remoção do 627.cam4\_s – Execução 1:**

**runcpu --config=rubens-try1 --noreportable --iterations=3 603.bwaves\_s 607.cactuBSSN\_s 619.lbm\_s 621.wrf\_s 628.pop2\_s 638.imagick\_s 644.nab\_s 649.fotonik3d\_s 654.roms\_s 996.specrand\_fs**

**copies = 4 e threads = 4**

**iterations = 3**

**Duração: 79708 s 🡪 22.14 hs**

**Log: CPU2017.062.log**

1. Execução do benchmark **intrate**:
   * Execução da suíte completa

**runcpu --config=rubens-try1 --reportable --iterations=3 intrate**

**~~runcpu --config=rubens-try1 -- noreportable --iterations=3~~** ~~500.perlbench\_r, 502.gcc\_r, 505.mcf\_r, 520.omnetpp\_r, 523.xalancbmk\_r, 525.x264\_r, 531.deepsjeng\_r, 541.leela\_r, 548.exchange2\_r, 557.xz\_r, 999.specrand\_ir~~

**copies = 4 e threads = 4**

**iterations = 3**

**Duração: 47501 s 🡪 13.19 hs**

**Log: CPU2017.065.log**

* + **Remoção do 502.gcc\_r:**

**runcpu --config=rubens-try1 --noreportable --iterations=3 500.perlbench\_r 505.mcf\_r 520.omnetpp\_r 523.xalancbmk\_r 525.x264\_r 531.deepsjeng\_r 541.leela\_r 548.exchange2\_r 557.xz\_r 999.specrand\_ir**

**copies = 8 e threads = 8**

**iterations = 3**

**Duração: 65121 s 🡪 18,08 hs**

**Log: CPU2017.072.log**

* + Execução da suíte completa

**runcpu --config=rubens-try1 --reportable --iterations=3 intrate**

**copies = 16 e threads = 16**

**iterations = 3**

**Duração: s 🡪 hs**

**Log:**

1. Execução do benchmark **fprate**:
   * runcpu --config=rubens-try1 --reportable --iterations=3 fprate

**copies = 4 e threads = 4**

**iterations = 3**

**Duração: 58396 s 🡪 16.22 hs**

**Log: CPU2017.068.log**

* + runcpu --config=rubens-try1 --reportable --iterations=3 fprate 🡪 Disparei na sexta-feira, 26/05 às 23:30

**copies = 8 e threads = 1**

**iterations = 3**

**Duração: 124885 s 🡪 34,69 hs**

**Log: CPU2017.073.log**