

PARALELISMO VS CONCORRENCIA

TECH DOJO PORTAIS

START



LINEAR



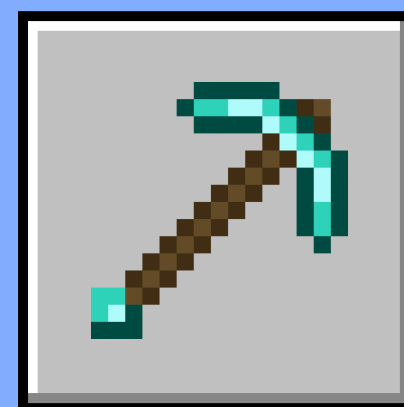
Belinha



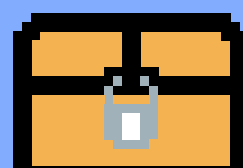
Sushi



Calleri



Atreus



PARALLELISMO



Belinha



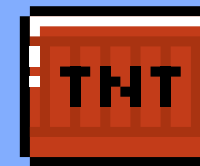
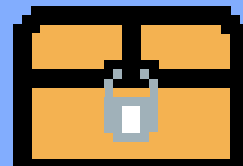
Belinha



Belinha



Belinha



CONCORRÊNCIA



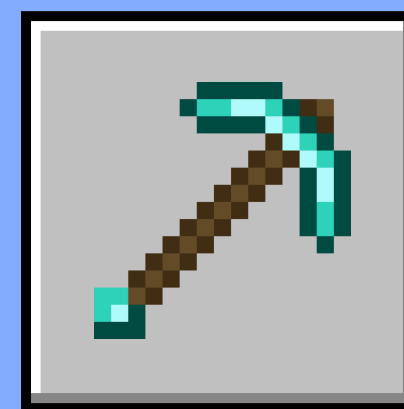
Belinha



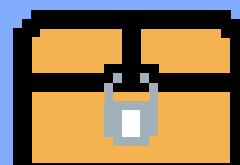
Belinha



Belinha



Belinha



TNT

PROCESSOS VS MEMÓRIA

Processo A
Thread/ CPU

0x00007FFDE234ABCD = 100
0x00007FFDE234ABCD = Calleri
0x00007FFDE234ABCD = False

Memória Ram

Processo B
Thread/ CPU

0x00007FFF00112233 = 100
0x00007FFFABCD9876 = Calleri
0x00007FFDDEADBEEF = False

Memória Ram

VOU LEVAR UMA
VIDA . . .

Belinha





End. RAM

0x00007FFF11
22AABB

BORA PARALELIZAR..MAS SÓ TEM UM MACHADO =/

Processo A
Belinha

Processo B
Sushi

Processo C
Calleri

Processo D
Atreus

TNT

--MAS ONDE FOI QUE DEIXEI O MACHADO MESMO?
---QUEM USOU POR ÚLTIMO?
----QUEM O QUE?



End. RAM

0x00007FFF11
22AABB

BORA CONCORRER.. MAS AINDA DEMORA UM POUCO..

Processo A
Belinha

Processo B
Sushi

Processo C
Calleri

Processo D
Atreus

TNT

TNT

TNT

TNT

TNT

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TNT

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TNT

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TNT

TNT



End. RAM
0x00007FFDF
01234AA



End. RAM
0x00007FFE1
234FF01



End. RAM
0x00007FFE9
8ABC321



End. RAM
0x00007FFF0
0112233

BORA PARALELIZAR..MAS DO JEITO CERTO

Processo A
Belinha

Processo B
Sushi

Processo C
Calleri

Processo D
Atreus

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TRUE OR FALSE

Clique true se voce acha
que a demo vai funcionar

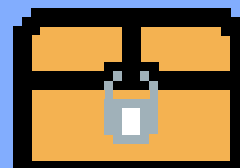
TNT

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TNT

FALSE



DEMO TIME

