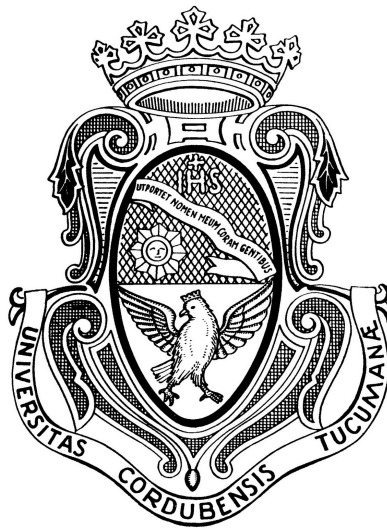


UNIVERSIDAD NACIONAL DE CÓRDOBA

FACULTAD DE CIENCIAS EXACTAS
FÍSICAS Y NATURALES



PPS

Paralelismo con Python

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Córdoba - Argentina

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1. Introducción:

2. Marco teórico:

3. Investigación y pruebas:

<https://stackoverflow.com/questions/43439194/python-multiprocessing-queue-vs-multiprocessing-manager-queue>

<https://p16.praetorian.com/blog/multi-core-and-distributed-programming-in-python>

<https://www.glennklockwood.com/hpc-howtos/process-affinity.html>

<https://blog.thedataincubator.com/2018/04/python-multi-threading-vs-multi-processing/>

<https://timber.io/blog/multiprocessing-vs-multithreading-in-python-what-you-need-to-know/>

<https://stackoverflow.com/questions/15639779/why-does-multiprocessing-use-only-a-single-core-after-i-import-numpy/15641148#15641148>

<https://www.ellicium.com/python-multiprocessing-pool-process/>

<https://devopslog.wordpress.com/2012/04/15/mergesort-example-using-python-multiprocessing/>

3.1. Tareas:

Probar merge sort 64 hilos, usando process, probar la versión de python para los diferentes códigos, productor consumidor.

Day	Min Temp	Max Temp	Summary
Monday	11C	22C	A clear day with lots of sunshine. However, the strong breeze will bring down the temperatures.
Tuesday	9C	19C	Cloudy with rain, across many northern regions. Clear spells across most of Scotland and Northern Ireland, but rain reaching the far northwest.
Wednesday	10C	21C	Rain will still linger for the morning. Conditions will improve by early afternoon and continue throughout the evening.

asd	asd	asd
dsa	as	123
		123
dsa	as	123
		123
dsa	as	123
		123
	as	123
		123

Cuadro 1: Tabla 1

	A B C D E				
	A	B	C	D	E
a					
b					
c					
d					
e					

Cuadro 2: tabla 2

	A B C D E				
	A	B	C	D	E
a					
b					
c					
d					
e					

4. Ejercicio N°1:

4.0.1. 1	0	5	10	15	20
A					
B					
C					
D					
E					

4.0.2. 2	0	5	10	15	20
A					
B					
C					
D					
E					

	0	5	10	15	20
A					
B					
C					
D					
E					

Cuadro 3: Global caption

Cuadro 4:
1 2

Cuadro 5:
3 4

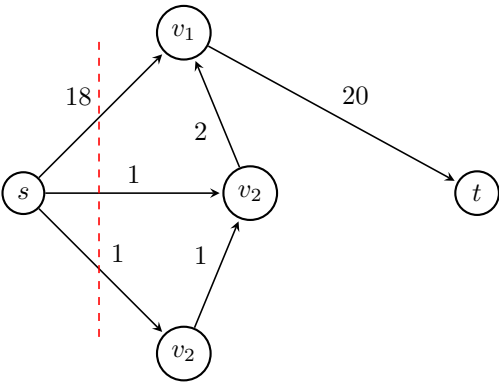
4.1. subsección

Overleaf



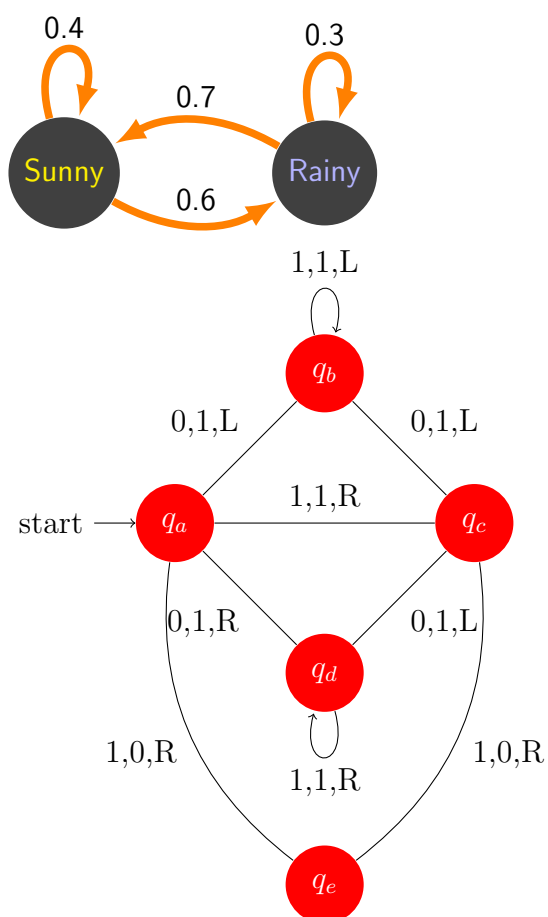
[Archivo](#)

4.2. subsección



titulo
Algo

4.3. State Machine



Referencias

- [1] Albert Einstein. “Zur Elektrodynamik bewegter Körper. (German) [On the electrodynamics of moving bodies]”. En: *Annalen der Physik* 322.10 (1905), págs. 891-921. DOI: <http://dx.doi.org/10.1002/andp.19053221004>.
- [2] Paul Adrien Maurice Dirac. *The Principles of Quantum Mechanics*. International series of monographs on physics. Clarendon Press, 1981. ISBN: 9780198520115.
- [3] Donald Knuth. *Knuth: Computers and Typesetting*. URL: <http://www-cs-faculty.stanford.edu/~uno/abcde.html>.