

Presentación TP2

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Sistemas Operativos
DC - UBA - FCEN

2 de mayo 2017

Deberán realizar

Realizaremos un **Concurrent HashMap**

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- Es un hashmap



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Realizaremos un **Concurrent HashMap** Qué es ?

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- Concurrente: Realizamos algunas operaciones en paralelo



Operaciones

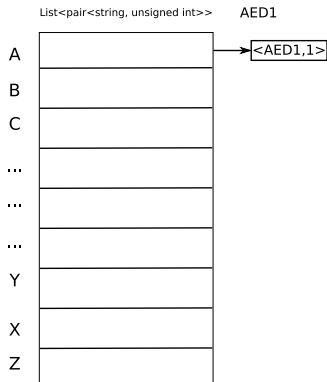
● `create()`

List<pair<string, unsigned int>>

A	
B	
C	
...	
...	
...	
Y	
X	
Z	

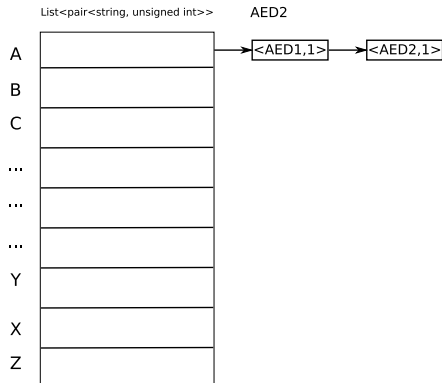
Operaciones

- `create()`
- `void addAndInc(string key)`



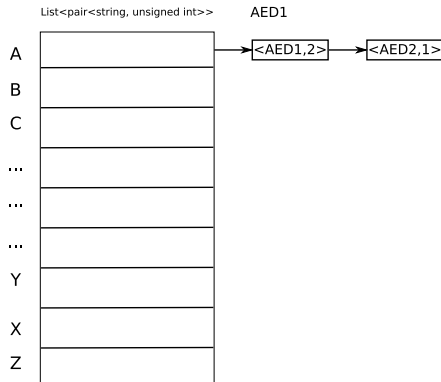
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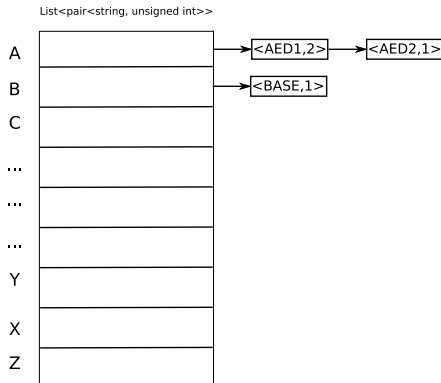
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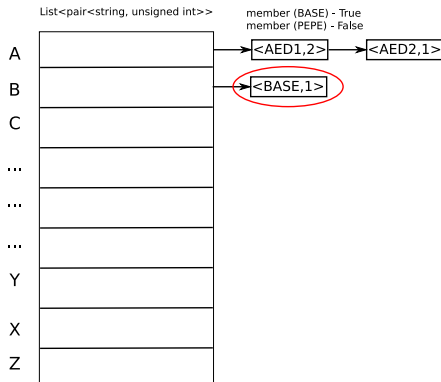
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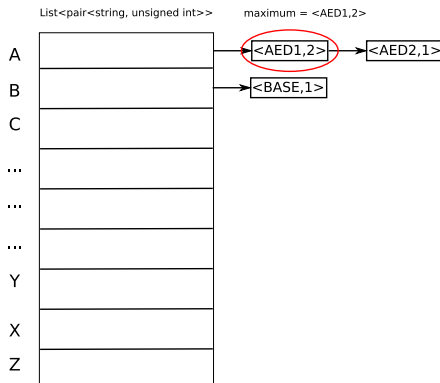
Operaciones

- `create()`
- `void addAndInc(string key)`
- `bool member(string key)`



Operaciones

- `create()`
- `void addAndInc(string key)`
- `bool member(string key)`
- `pair<string, unsigned int>`
`maximum(unsigned int nt)`



Ejercicios

- `ConcurrentHashMap()`.



Ejercicios

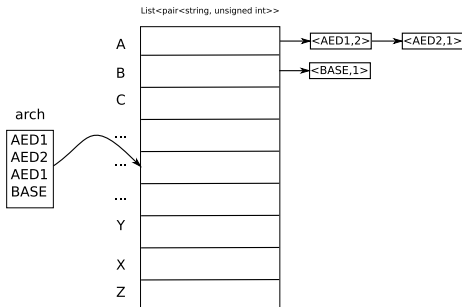
- `ConcurrentHashMap()`.
- `ConcurrentHashMap count_words(string arch)`

arch

AED1
AED2
AED1
BASE

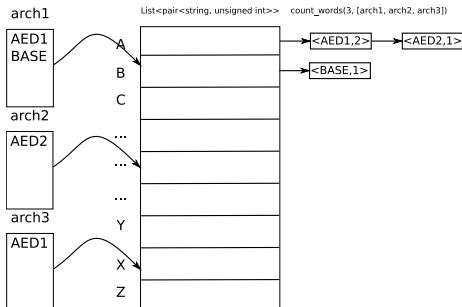
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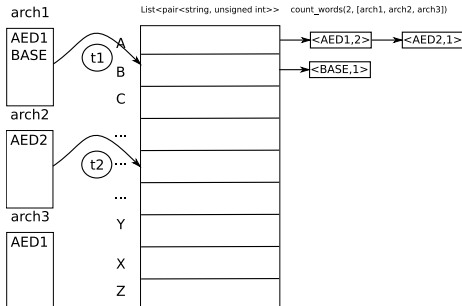
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- `ConcurrentHashMap count_words(string arch)`
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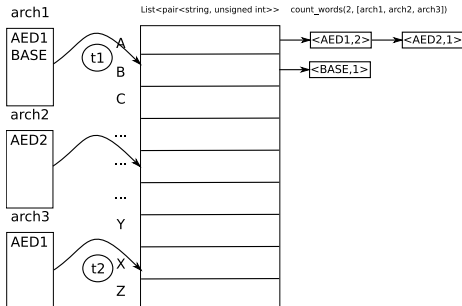
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 $p < \text{sizeof}(\text{archs})$



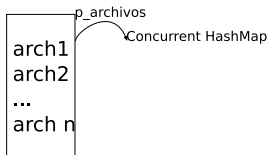
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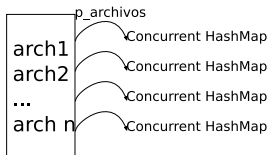
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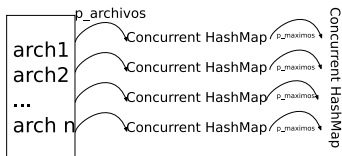
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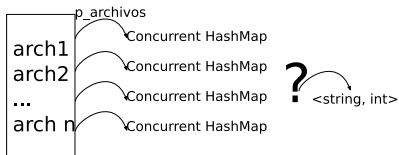
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¿Preguntas?