52-COMPL-paralelo

December 3, 2017

In [ ]:
```
def elevar2_m(m):
        L = [randint(0,1000) for i in srange(m*m)]
        M = matrix(ZZ,m,m,L)
        return M*M

%time LL = map(elevar2_m,srange(1,200))
```

In [ ]:
```
@parallel(4)
def cuadrado(L):
        map(elevar2_m,L)
%time LL = list(cuadrado([srange(1,50),srange(50,100),srange(100,150),srange(150,200)]))
```

In [ ]:
```
@parallel(4)
def cuadrado(L):
        map(elevar2_m,L)
L1 = [m for m in xrange(1,200) if m%4 == 0]
L2 = [m for m in xrange(1,200) if m%4 == 1]
L3 = [m for m in xrange(1,200) if m%4 == 2]
L4 = [m for m in xrange(1,200) if m%4 == 3]

%time LL = list(cuadrado([L1,L2,L3,L4]))
```