

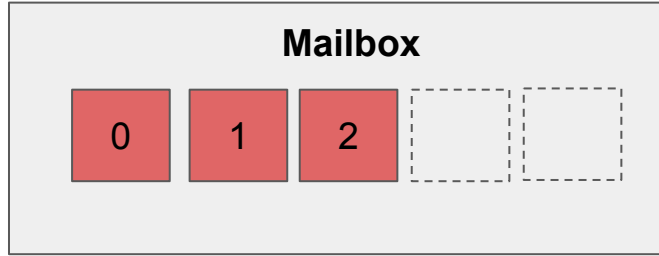
Straxferno

Circle 9: Mailboxes



"Lo!" he exclaimed, "lo! Dis; and lo! the place
Where thou hast need to arm thy heart with strength."
Canto XXXIV., lines 20, 21.

Sender









Buffer has room



Can fetch

Subscribers

Have read	Waiting for		
0	1		
2	3		
0	1		

Sender



Mailbox



Buffer has room



Blocked from fetching
-- only in lazy mode
(not when multiprocessing)

Subscribers

Have read

Waiting for

0

1



2

3

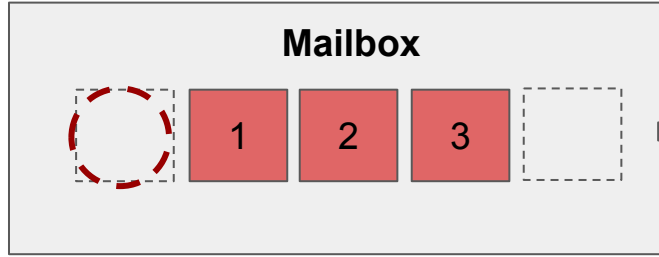


0

1



Sender



Have read

0

3

0

Waiting for

1

4

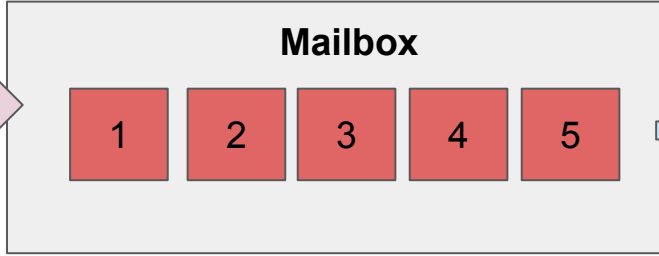
1



Buffer has room

Can fetch

Sender



Buffer full

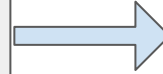
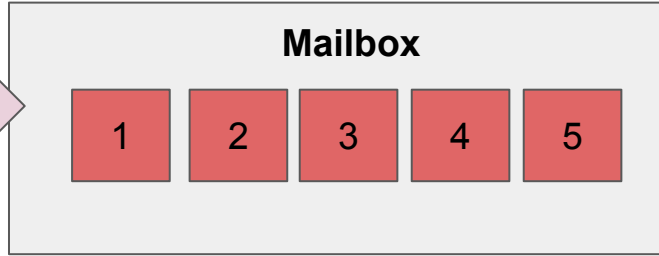
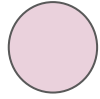


Can fetch

Subscribers

Have read	Waiting for		
0	1		
5	6		
0	1		

Sender



Subscribers

Have read

Waiting for

5

6



5

6



0

1

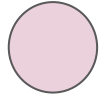


Buffer full

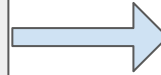


Can fetch

Sender



Mailbox



Subscribers

Have read

Waiting for

5

6



5

6



5

6

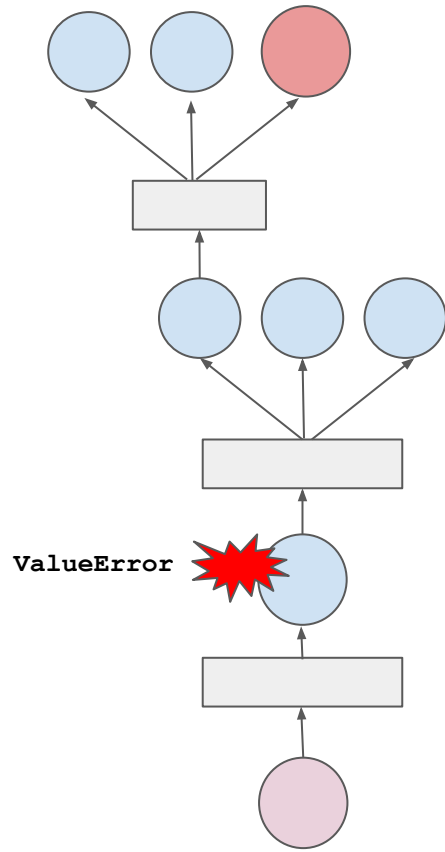


Buffer has room

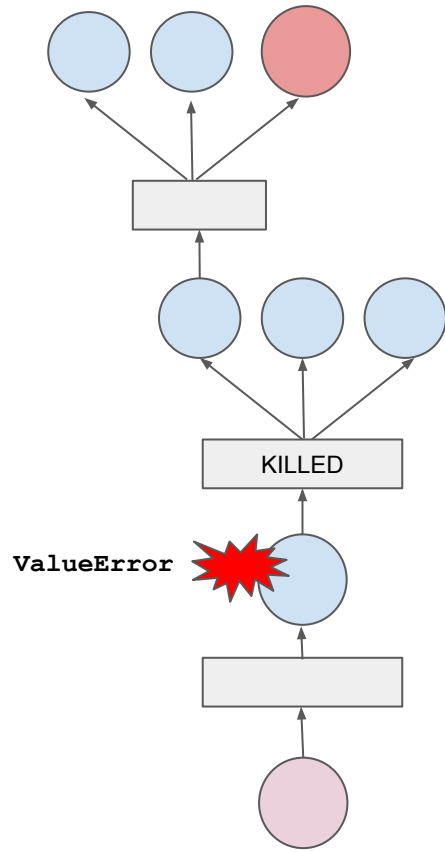


Can fetch

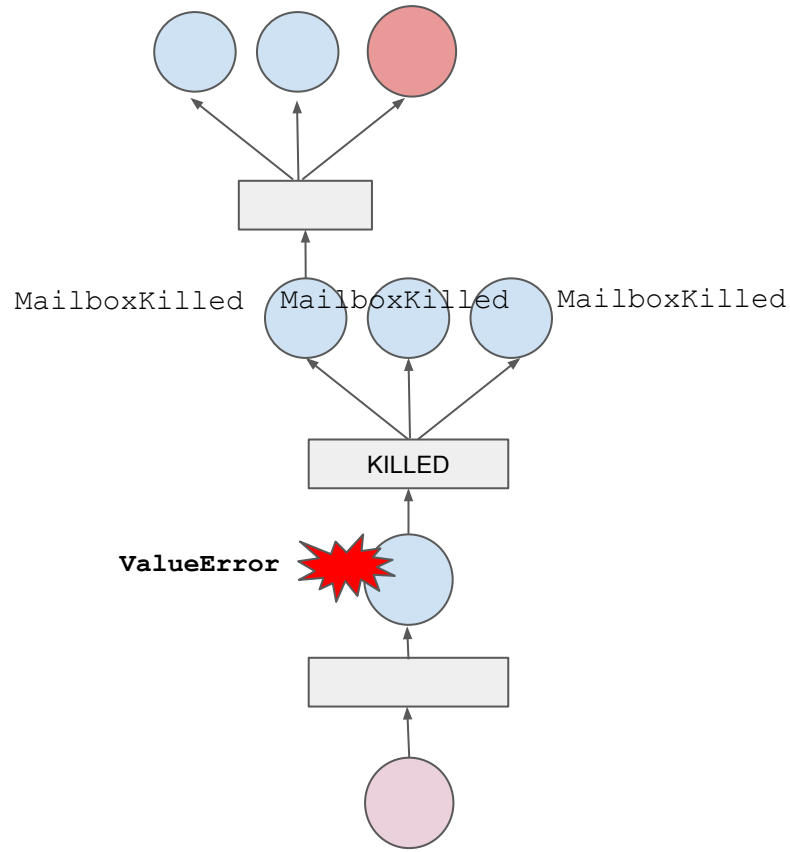
final_generator



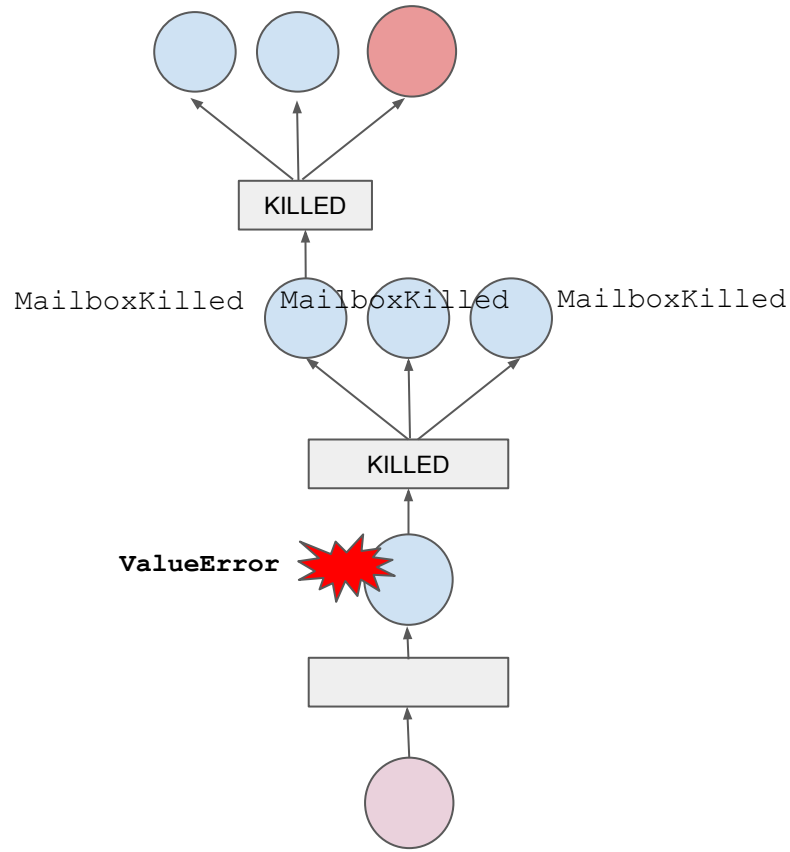
final_generator



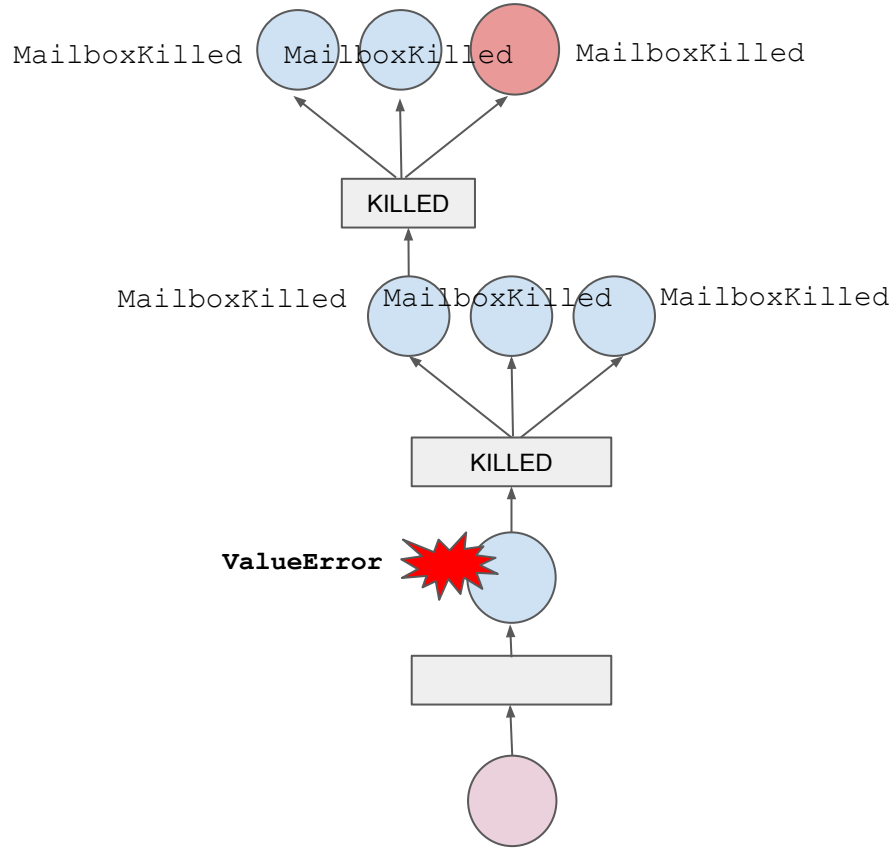
final_generator



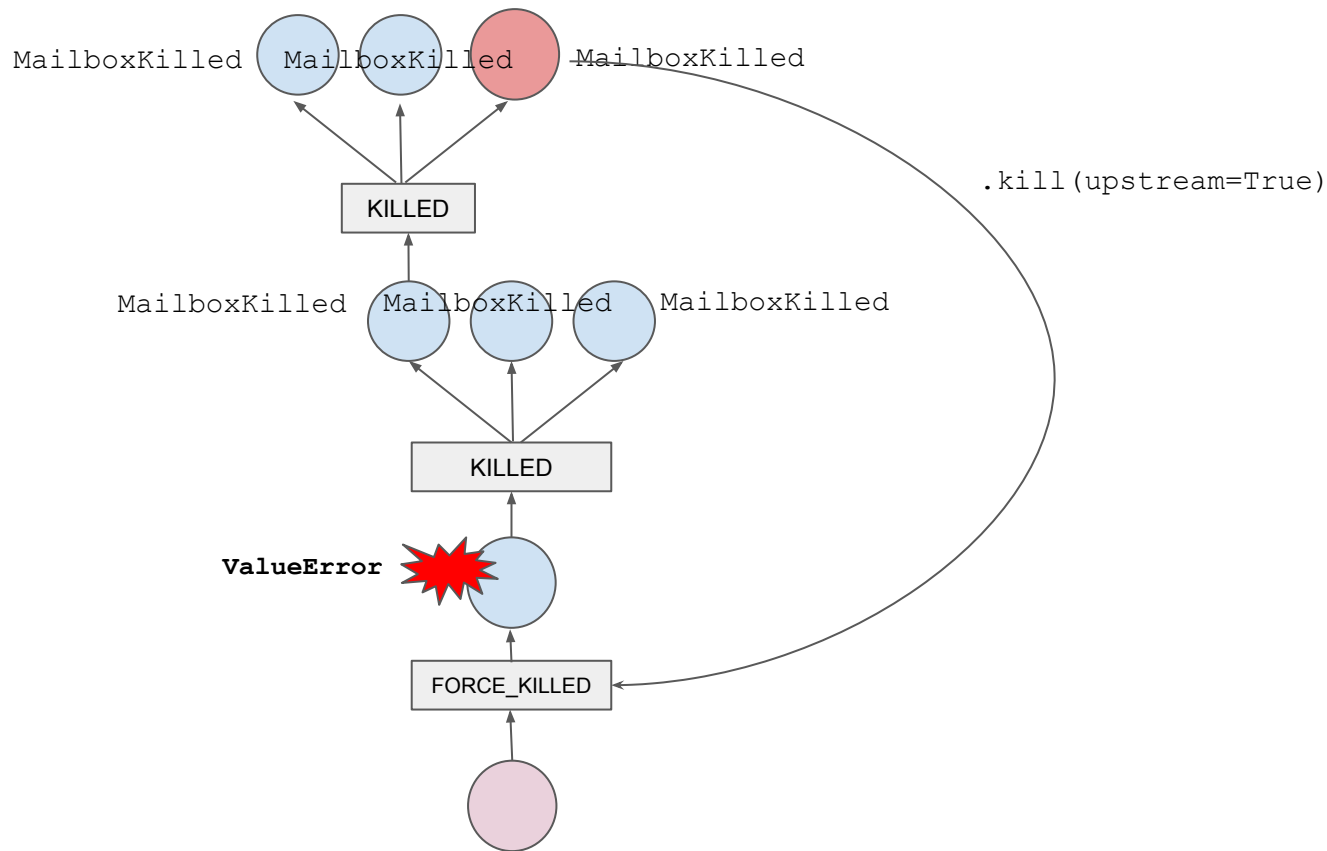
final_generator



final_generator



final_generator



final_generator

