

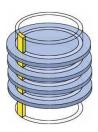




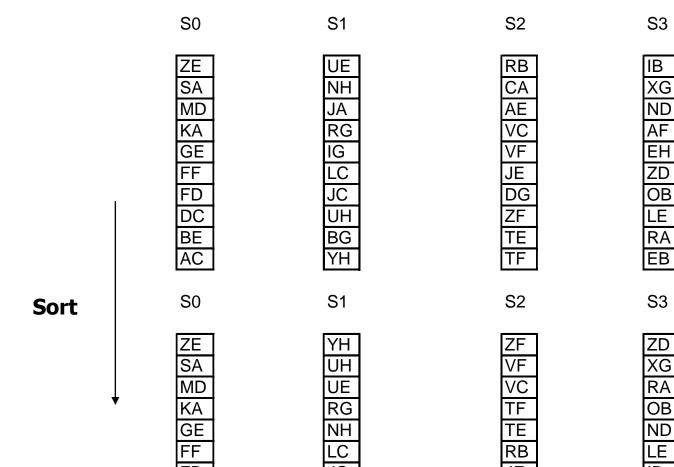
Big Data

External Sort Merge Exemple pass 1 : MERGE





Pass 0: 1 block run sorterd









pass1



S0	_
ZE	
SA	
MD	
KA	
GE	
FF	
FD	
DC	
BE	
AC	

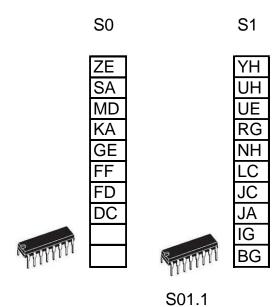


S01.1

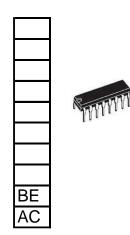
Étape S01.1







Étape S01.1



S₀

S1

ZE SA MD KA YH UH UE

RG NH

NH LC



pass0



S01.1

S01

Étape S01.1

JC JA

JA IG

IG GE FF FD

DC BG BE



pass1



S0

S1

ΥH

SA MD

S01.1

S01.2

GE

FD

BE

pass1

pass0

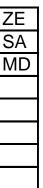
Étape S01.2

S₀

S1

ZE SA MD

Étape S01.2



YΗ

pass0

S01.1

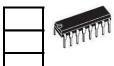
S01.2

JA IG

GE

FF FD

BE

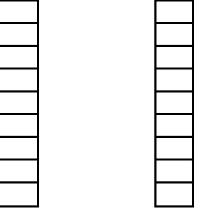


RG NH

pass1



Étape S01.2



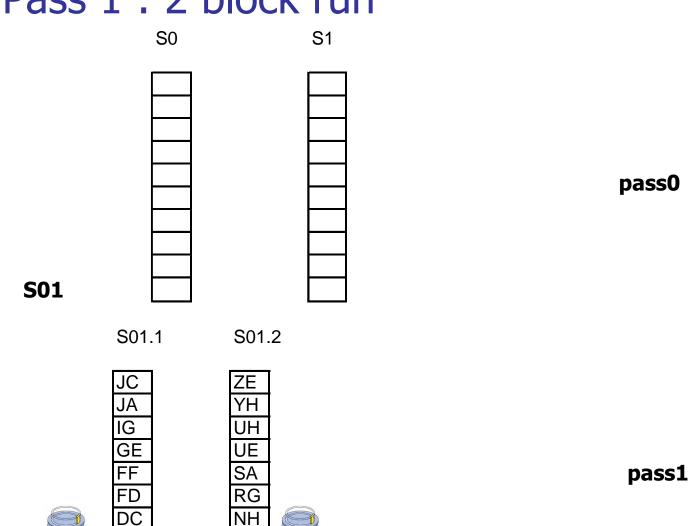
pass0

GE FD BG BE

S01.1



pass1

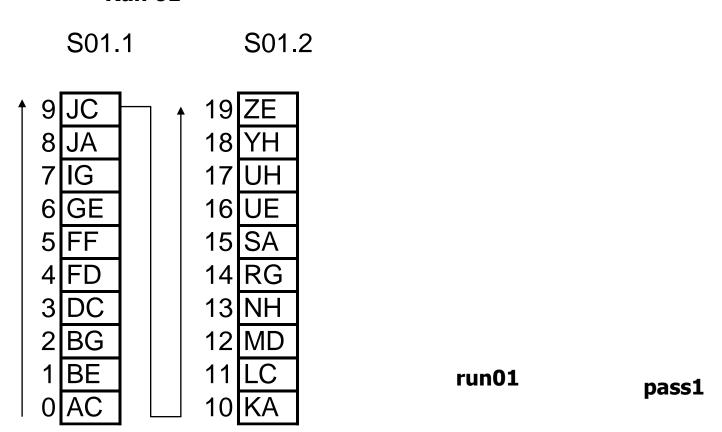




BG BE



Run 01





S2	
ZF	
VF	
VC	
TF	
TE	
RB	
JE	
DG	
CA	
ΑE	

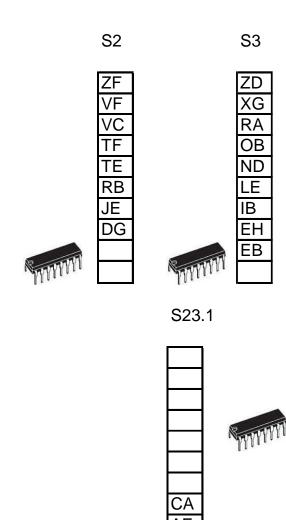


S23.1



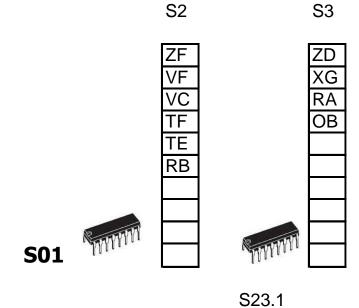
Etape S23.1













S23

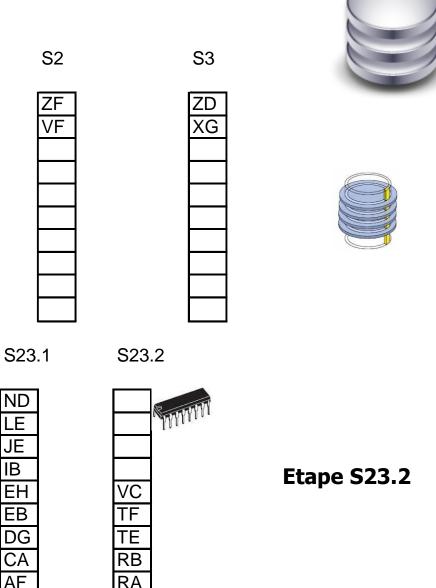
N
LE
JE
E
D
C



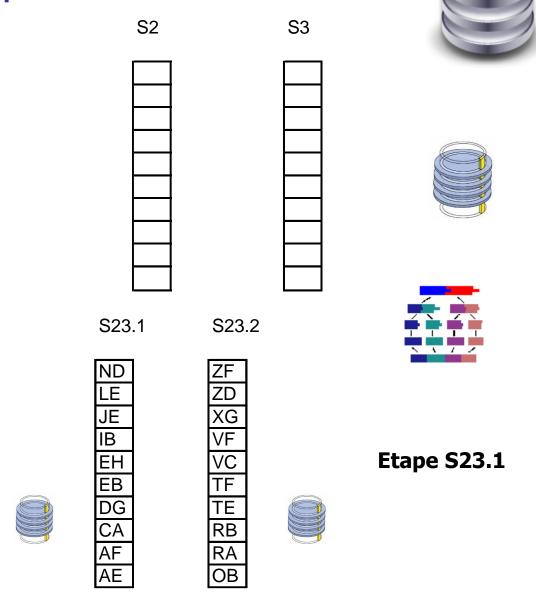




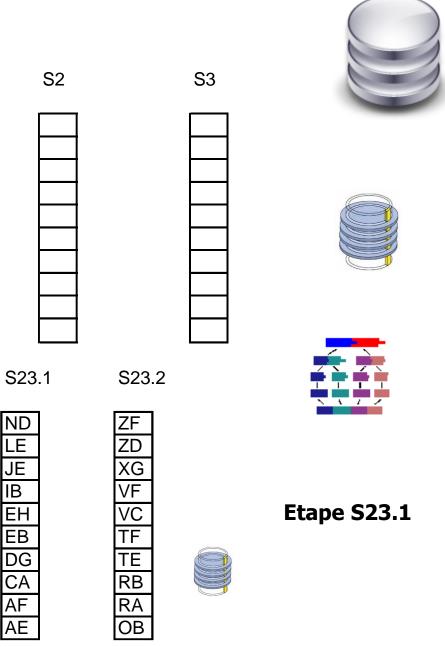
S2 S3 S23.1 S23.2 **Etape S23.1** ΙB







S23





Run 01

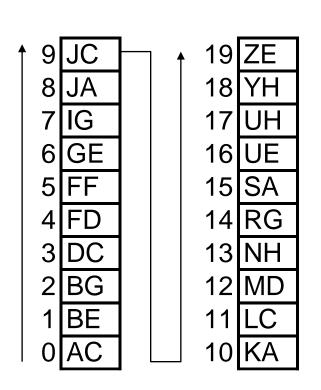
Run 02

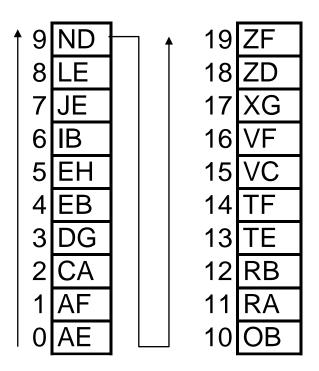
S01.1

S01.2

S23.1

S23.2





S01 S23

pass1

S23.1



S23.2

Run 01

Run 02

SO	1	1
\mathbf{C}		

S01.2

9 ND 19 ZF
8 LE 18 ZD
7 JE 17 XG
6 IB 16 VF
5 EH 15 VC
4 EB 14 TF
3 DG 13 TE
2 CA 12 RB
1 AF 1 RA
0 AE 10 OB

run01

run02



Index runs





0 1 2 3 4 5 6 7 8 9
S01.1 AC BE BG DC FD FF GE IG JA JC

S01.2

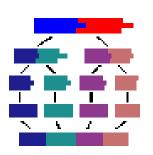
10 11 12 13 14 15 16 17 18 19 2 KA LC MD NH RG SA UE UH YH ZE

0 1 2 3 4 5 6 7 8 S S23.1 AE AF CA DG EB EH IB JE LE ND

S23.2

10 11 12 13 14 15 16 17 18 19 OB RA RB TE TF VC VF XG ZD ZF









Index runs



S01



0 1 2 3 4 5 6 7 8 9
S01.1 AC BE BG DC FD FF GE IG JA JC

S01.2

10 11 12 13 14 15 16 17 18 19 KA LC MD NH RG SA UE UH YH ZE

0 1 2 3 4 5 6 7 8 S S23.1 AE AF CA DG EB EH IB JE LE ND

S23.2

10 11 12 13 14 15 16 17 18 19
OB RA RB TE TF VC VF XG ZD ZF

S23





