

External merge sorting Exemple pass 2 : MERGE





S01.1

S01.2

S23.1

S23.2

JC JA

IG

GE FF

FD DC

BG

BE AC ZE YH

UH UE

SA

RG

NH

MD LC

KA

ND LE

JE

IB

EH

EB

DG

CA

AF AE ZF ZD

XG

VF

VC

TF

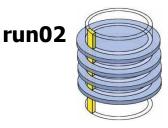
TE

RB RA

OB

run01

pass1



S01.1 S01.2 S23.1 S23.2 JC ZE JA pass1 IG JE UH GE UE ΙB SA ΕH run01 FD RG EB ИН RB BG MD run02 BE RA LC OB AC ΑE KA S3.1 pass2

run02

S01.1

S01.2

S23.1

S23.2

JC JA IG GE FF

JC JA IG GE FD DC BG BE AC ZE
YH
UH
UE
SA
RG
NH
MD
LC
KA

pass1

LE

JE

IB

EH

EB

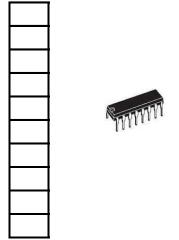
DG

CA

AF

ZF
ZD
XG
VF
VC
TF
TE
RB
RA
OB

pass2



S3.1

S23.2



S01.1

S01.2

S23.1

run01

DC BG BE SA RG NH MD

pass1

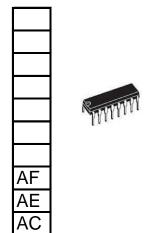


XG TE RB RA OB



run02

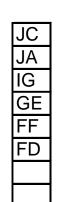
S3.1



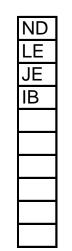


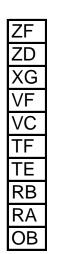
pass2

S01.1 S23.2 S01.2 S23.1







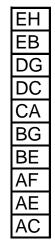






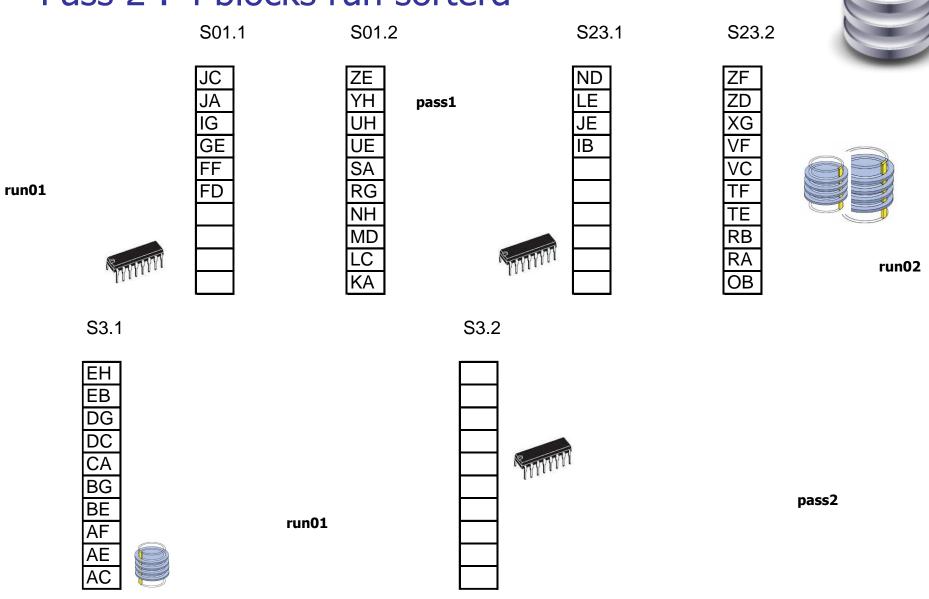


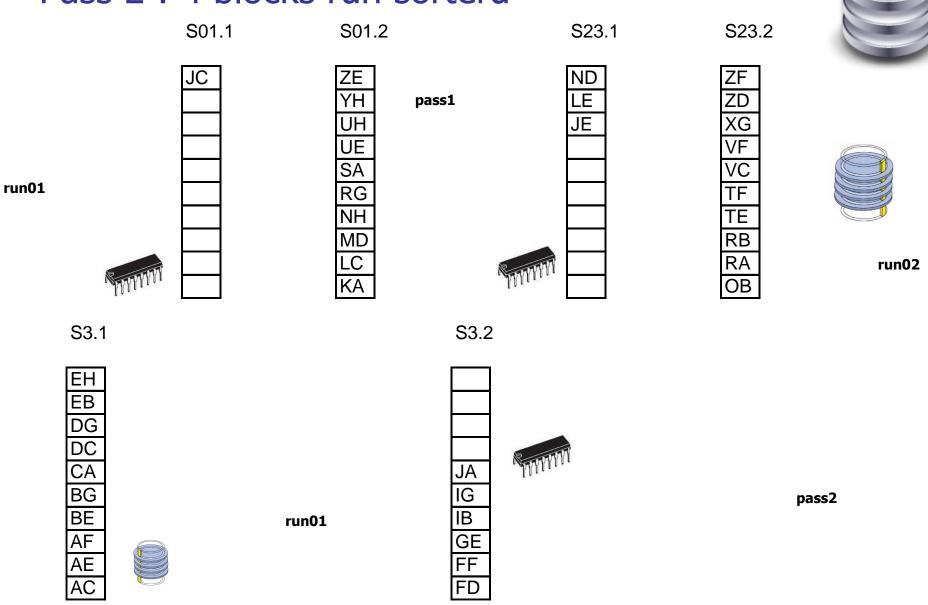
Sxy

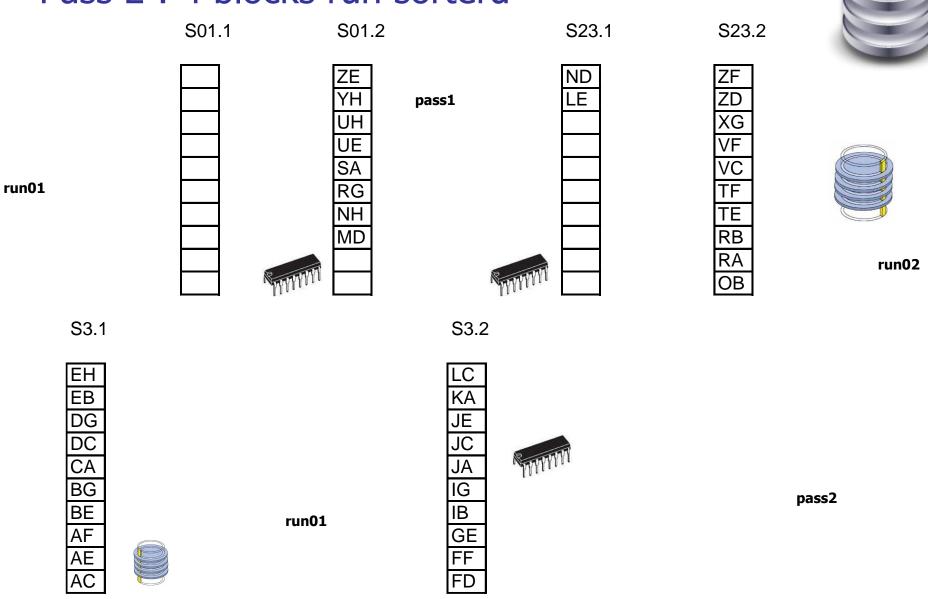


S3.1

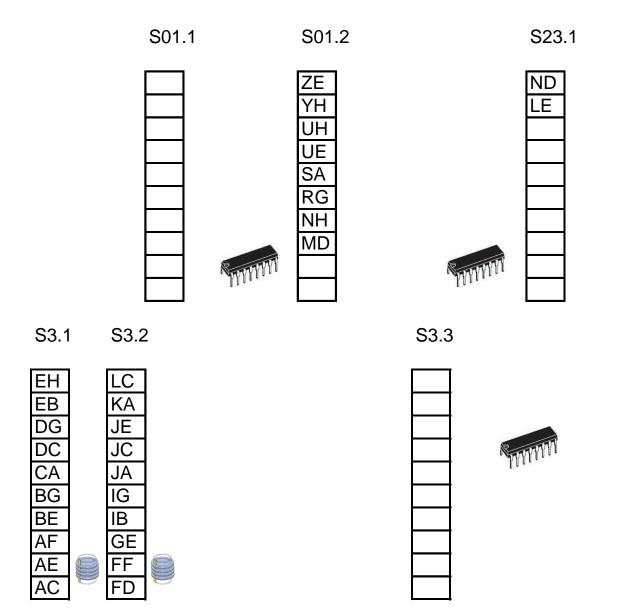










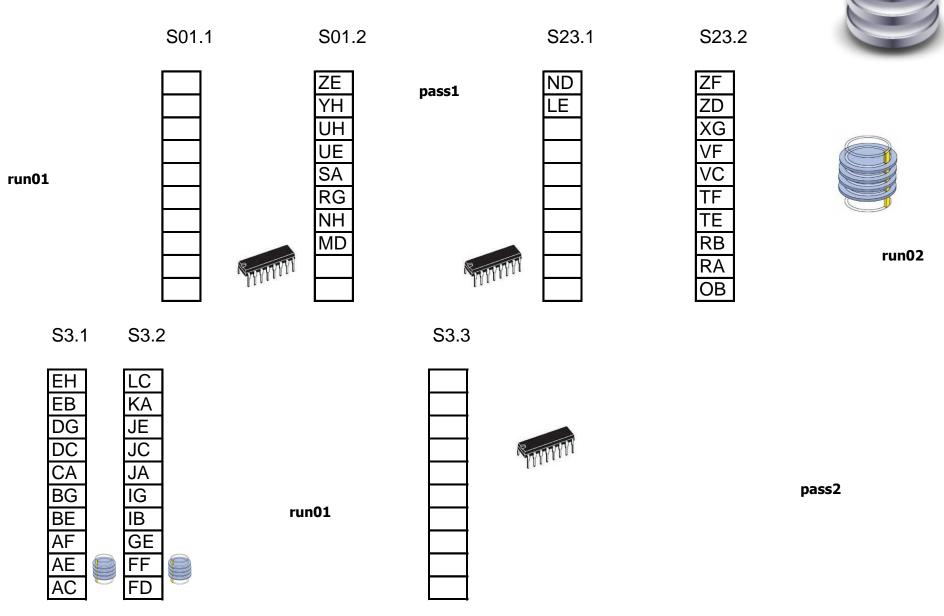




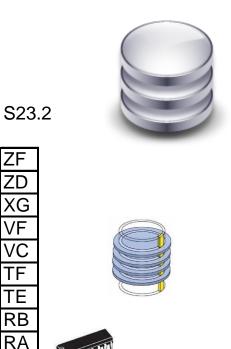
S23.2

XG VF VC TF TE RB

RA



Emmanuel Fuchs Architectures des Systèmes de Bases de Données



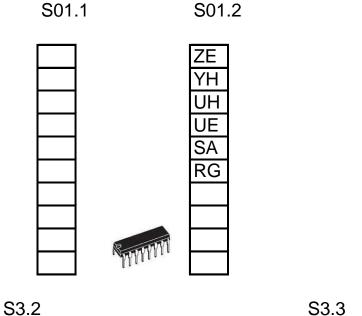
ZD XG VF

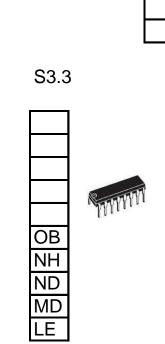
VC

TF

TE RB

RA





S23.1

JE

JC

JA

G

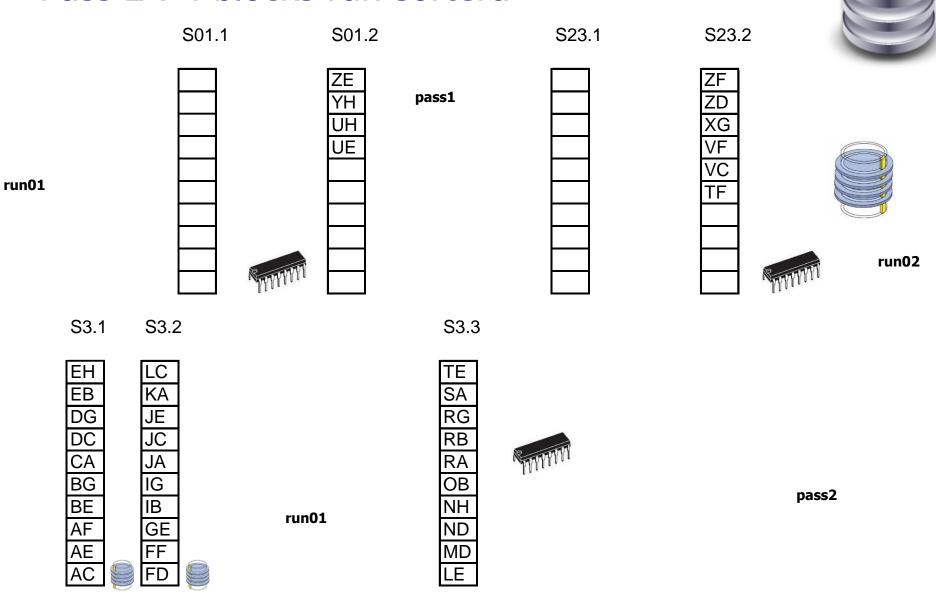
S3.1

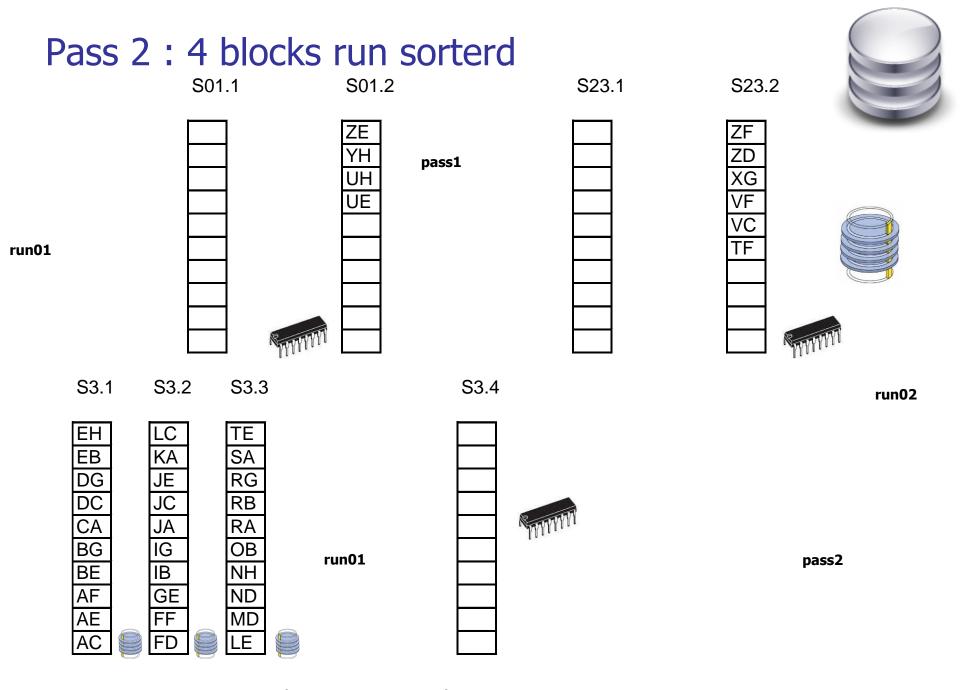
EΗ ΕB

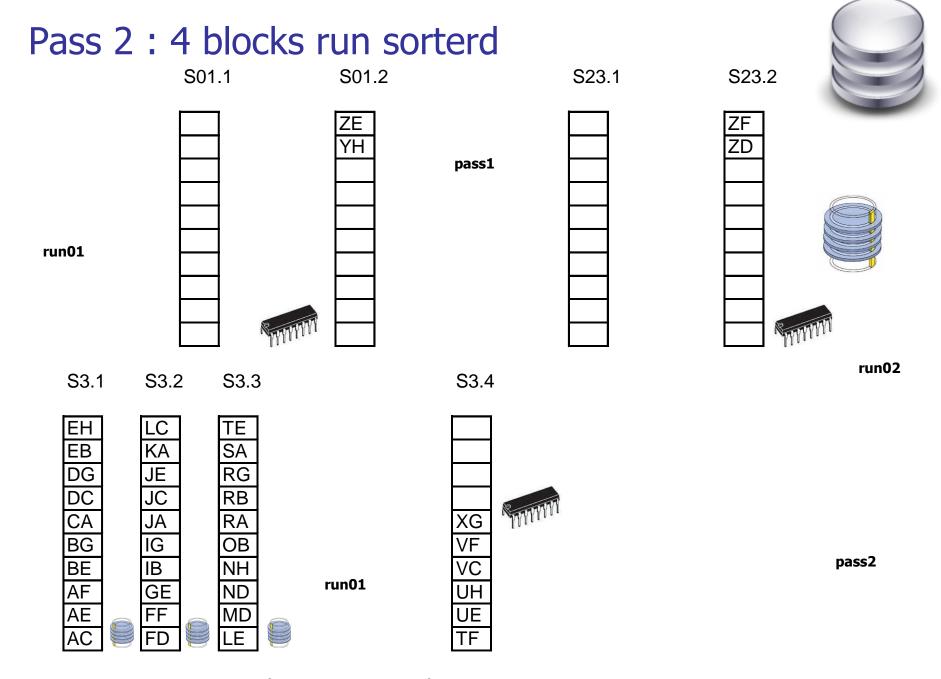
DG DC

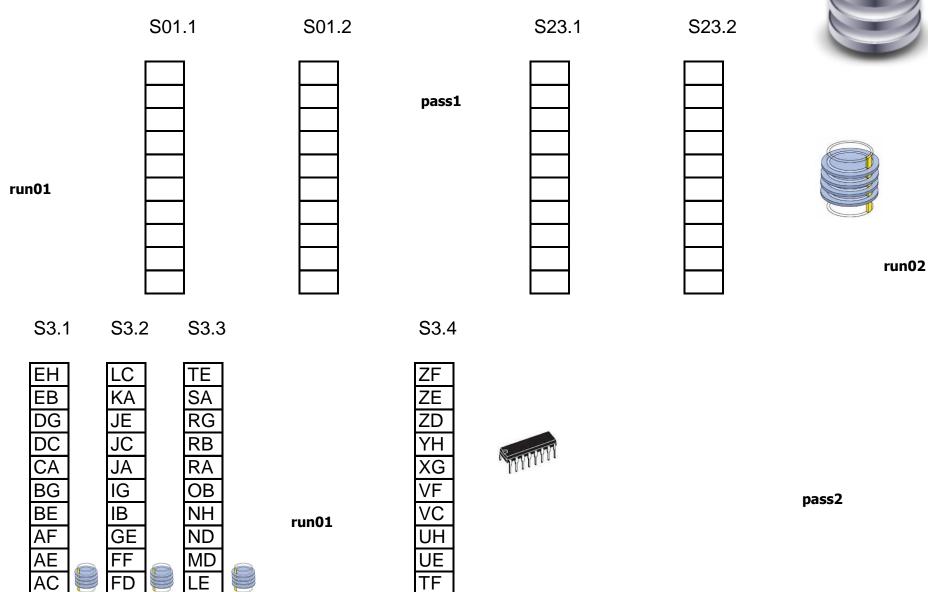
CA

BG









pass2



S3.1

S3.2

S3.3

S3.4

run1



EH
EB
DG
DC
CA
BG
BE

AE

LC KA JE JC JA IG IB FF

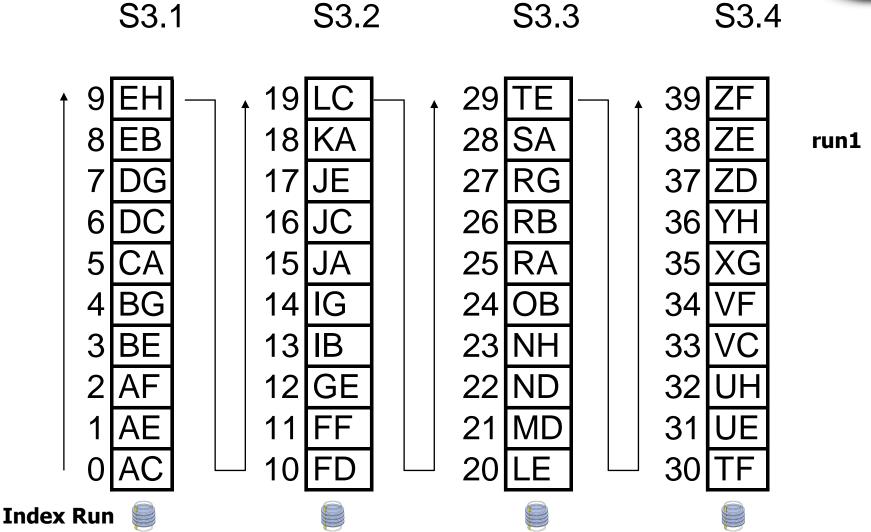
SA RG RB RA OB NH ND MD





Pass 2: 4 blocks runs sorted index





4 Blocks run

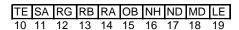


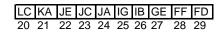


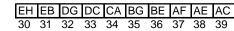
Index runs

\$3.1 \$3.2 \$3.3 \$3.4

















4 Blocks run

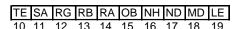


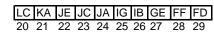


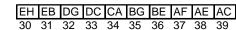
Index runs

\$3.1 \$3.2 \$3.3 \$3.4













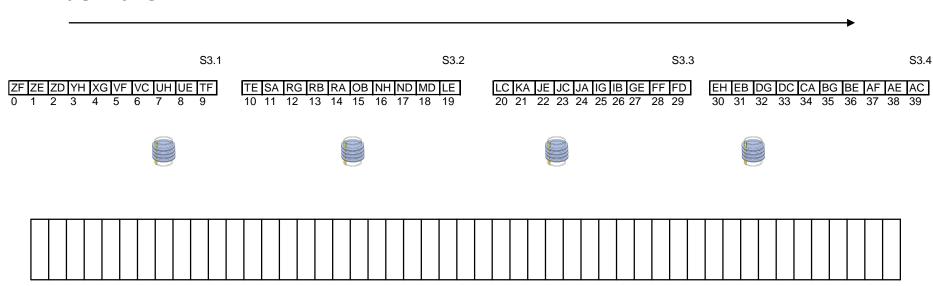




4 Blocks runs







Sxy.txt

