

open { "I" } , [#] n , nom\$  
 { "O" }  
 { "U" }  
 { "R" }  
 [5-len]  
 ↑ si "R"

"LST:"	0
"AUX:"	1
CON:	2
MID:	3
IKB:	4
VID:	5
VBS:	-1
LBS:	-2
"NUL:"	-3
"MEM:"	c\$

⊂ [0, 100]

NBCANAUX = 102

CANAUX = BLK.W NBCANAUX + 1

RFILES = D.W 0

n° de chaîne pour "R" : rfiles k  
 4 à RFILES

CANAUX1 = CANAUX + 2 \* NBCANAUX - 4

CANAUX2 = CANAUX1 + 2

CANAUX3 = CANAUX2 + 2

YOPEN: BSR WCHAS

MOVEQ #1, D0

CMP.L D0, D3

BNE ERRISS

MOVE.B (A0), D0

MOVEQ #4, D1

LEA GA25, A0

chaîne

mauvaise longueur

← BCLR #5, D0

→ "A U O I R"

4 3 2 1 0

lit

et net dans la pile

"A"

-4

"U"

-3

"O"

-2

"I"

-1

"R"

{ R E [ , RFILES ]  
 et table TMRAN + 6(R-1)  
 initialisée:  
 • W n° chaîne  
 • L 0 (correct)

GA25: CMP.B (A0)+, D0

DBEQ D1, GA25

BNE ERRISS

NEG D1

BNE GA27

cas R

MOVE.L TMRAN, A0  
 SUBQ #6, A0

GA26: ADDQ #1, D1

ADDQ #6, A0

TST (A0)

BMI ERRFI1

BNE GA26

r-files trop petit

MOVE RFILES, D0

ADD D1, D0

MOVE D0, (A0)+

chaîne interne du field

ADD RFILES, (A0)+

k + rfiles, 0

CLR.L (A0)+

n° enregistrement

GA27: MOVE D1, -(SP)

BSR DECCURVE

Ⓣ

BSR POPN

1/6 de la chaîne

```

BSR WINDEX
CMP #NBCANAU, D3
BHI ERRRG
LEA CANAU, A0
ADD D3, D3
ADD D3, A0
TST.B (A0)
BNE ERRFI2

```

(n) canal

```

BSR XCANAL
BNE ERRFI2
CMP #NBCANAU-2, D3
BNE ERRRG
BSR DECCRVE

```

canal déjà ouvert

```

MOVE (SP)+, D0
CMP #-4, D0
BNE GA28
ADDQ #1, D1

```

GA28: MOVE D0, D1

```

GA28: MOVE.B D0, (A0)+
MOVE.L A0, -(SP)

```

```

MOVE.L A0, -(SP)
MOVEM D0/D1, -(SP)

```

```
BSR DECCRVE
```

```
BSR WCHASZ WCHANF
```

nom de fichier  
spécial?

```
MOVEQ #5, D0
```

longueur du nom

```
CMP.L D0, D3
```

```
BNE GA35
```

```
MOVE.L (A0), D0
```

```
OR.L # $20202000, D0
```

en minuscules

```
LEA GA29, A1
```

d.b "vid: ikb: mid: con: aux: lst: vbs: lbs: mem:"  
 5 4 3 2 1 0 -1 -2 -k

```
MOVEQ #8, D1
```

```
GA31: CMP.L (A1)+, D0
```

```
DBEQ D1, GA31
```

```
BNE GA36
```

```
TST D1
```

```
BEQ GA32
```

```
SUBQ #8, D1
```

```
BRA GA42
```

mem:

canaux 2 à 5

mem:

```

GA32: BSR DECCRVE
      BSR WNOMC

```

②  
 c\$ → d2

repète GA26-3 →

```

MOVE.L TMMEM, A1
MOVQ #-7, D1
SUBQ #6, A1

```

n° de caract ∈ [-8, 7 + mem\_files]

```

GA33: SUBQ #1, D1
      ADDQ #6, A1
      TST (A1)
      BMI ERRFI3
      BNE GA33

```

mem\_files trop petit

```

GA330: EMP #4, (SP)
        ADDQ #2, DO
        BNE GA34
        MOVE.L A0, (A1)
        MOVE D2, D4
        BSR LB95C

```

MOVED #0, D3  
 "A"

D3 = laqueur

pointeur (0 ou fin)

```

GA34: MOVE.L D3, (A1)+
      BRA GA42

```

```

si "0" vide c$
MOVE (SP), DO
EMP #-3, (SP) ADDQ #2, DO
BNE GA330
MOVE.L D3, (A1)+ pointeur ↓ "0"
MOVE D1, -(SP)
MOVE 1, (SP)
BSR CPUSHN chaîne φ
MOVE D2, DO
BSR WASGNE ) c$ = ""
MOVE (SP)+, D1
BRA GA42

```

nom de fichier

```

GA36: MOVEQ # $3D, D0
      MOVEQ # 2, D1
      MOVE  #(SP), D3
      ADDQ  #2, D3
      BNE  GA37
      MOVEQ # $3C, D0
  
```

mode	type d1	fonctio do	d3
"R" R>0	2	3D	3
I -1	0	3D	0
O -2	0	3C	0
U -3	2	3D	4
A -4	2	3D	3

```

      BRA  GA38
GA37: SUBQ #1, D3
      BNE  GA39
GA38: MOVEQ #0, D1
GA39: MOVE  D1, -(SP)
  
```

```

      MOVE.L A0, -(SP)
      MOVE  D0, -(SP)
      TRAP #1
      TST  D0
      BPL  GA40
      TST  D3
      BLE  ERRTOS
  
```

→ erreur too no do  
↓ cas "R"

```

      SUBQ #1, (SP)
      CLR  6(SP)
      TRAP #1
      TST  D0
      BMI  ERRTOS
  
```

→ err tos

```

GA40: ADDQ #8, SP ← MOVE D0, D5 handle
      ADDQ #3, D3
      BNE  GA41
  
```

↓ cas "A"  
MOVEQ #2, D2  
BSR GA710

) do = long fichier

```

      MOVE #2, -(SP)
      MOVE D4, -(SP)
      CLR.L -(SP)
      MOVE # $42, -(SP)
      TRAP #1
      ADD  #10, SP
      TST  D0
      BMI  ERRTOS
  
```

```

GA41: MOVE  D5, D1
  
```

x

x

```
GA42: MOVE D1, -(SP)
```

```
GA42: MOVEM (SP)+, d0/d2
```

```
GA42: MOVE.L (SP)+, A0
MOVE.B D1, (A0)
```

n° de canal

```
MOVE.L (SP)+, A0
MOVE.B D2, (A0)+
MOVE.B D1, (A0)
MOVE D0, -(SP)
```

```
GA42: BSR POPN
```

ôte le nom

```
MOVE (SP)+, D2
```

```
BMI GA43
```

→ r6

```
MOVE D2, -(SP)
```

```
BSR DECCRV
```

3

```
BSR WADR
```

d3 = long

```
TST.L D3
```

```
BLE ERRRG
```

```
ADDQ #6, A6
```

```
MOVE.L A6, A2
```

```
MOVE.L D3, (A6)+ ← MOVE.L D3, (A6)+
```

```
CLR.L (A6)+ ⊗
```

```
BSR LC12
```

mis sur la pile

```
MOVE (SP)+, D0
```

```
ADD RFILES0, D0
```

n° de la chaîne R

```
BSR WASGN2
```

le toppile deviat la chaîne R

```
GA43: MOVEM (SP)+, D0/D1/D2
```

```
GA43: RTS
```

```
MOVE.L (SP)+, A0
```

```
TST.B (A0)
```

```
BNE ERRFI2
```

```
MOVE.B D2, (A0)+
```

```
MOVE.B D0, (A0)+
```

```
RTS
```

→ déjà ouvert

canal type