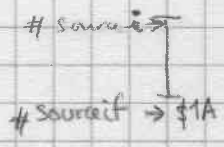


2^m Localise le pointeur A5

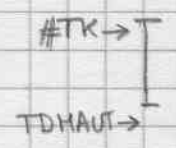
1) A5 ∈ source

met $\begin{cases} TPI = \text{début de ligne} \\ TPL = \text{numéro de ligne} \end{cases}$



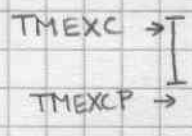
2) A5 ∈ pile avec

met $\begin{cases} TPI = \text{début de ligne} \\ TPL = 0 \end{cases}$



3) A5 ∈ sourceif

met $\begin{cases} TPI = \text{début de ligne} \\ TPL = 0 \end{cases}$



4) autre

```
LOCALT: MOVE.B #11, TDF4
LOCALT: BSR X9
MOVE.L DEBAS, A5
```

$\begin{cases} TPI \\ TPL = 0 \end{cases}$ "non localisé"

$A0^s = TPI$
 $A1^s = \text{fin de la ligne } A0$
 $DI^s = \begin{cases} 1 & \text{si } \in \text{ pile exec} \\ 0 & \text{autrement} \end{cases}$

```
LOCALS: LEA TPL, A3
```

```
X CLR D1
X CLR.L (A3)
```

```
X MOVE.L SOURCEIF, A0
X CMP.L #sourceif, A5 ←  $\begin{cases} \text{CMP.L } A0, A5 \\ \text{BCS PD24} \end{cases}$ 
```

```
X BHI PD17
X BSR PD25
```

met $\begin{cases} A0 = \text{déb} \\ D0 = \text{no} \end{cases}$

```
PD14: MOVE.L A0, -(A3)
PD15: RTS
```

```
PD17: LEA TK.L, A0
CMP.L A0, A5
BCS PD24
```

```
X CMP.L TDHAUT, A5
X BHI PD19
```

met aussi TPINS

```
X BSR PD25
X MOVE.L D0, (A3) ←  $\begin{cases} \text{MOVE.L } A0, TPINS - TPL(A3) \\ \text{MOVE.L } D0, TPINSL - TPL(A3) \end{cases}$  ⊗
```

```
PD19: LEA TMEXC, A1
MOVE.L (A1)+, A2
CMP.L A2, A5
BCS PD24
MOVE.L (A1), A0
CMP.L A0, A5
BCC PD24
```

```

x PD21: CMP.L A0, A2
    BCC PD23
    MOVE.L -(A0), A1
    CMP.L A0, A1
    BCC PD24
    MOVE.L A1, A0
    CMP.L A0, A5
    BCS PD21
  
```

→ anormal

```

x PD23: BSR PD25
    BRA PD14
  
```

← MOVEQ #1, D1

```

PD24: LEA PD29, A0
    MOVEQ A0, A1
    BRA PD14
  
```

non localisé

```

(SP) PD25: MOVEQ #0, D0
    MOVE.L A0, A1
    PD26: CMP.L A1, A5
    BCS PD15
    ADDQ.L #1, D0
    MOVE.L A1, A1
    CMP.B #0, (A0)
    BEQ PD15
    PD27: TST.B (A1)+
    BNE PD27
    BRA PD26
  
```

→ fin

→ fin

entree A0 : début de sous
 met A0 : début de ligne } de A5
 D0 : n° de ligne

```

PD29: D.B "non localisé", 0, $1A
  
```