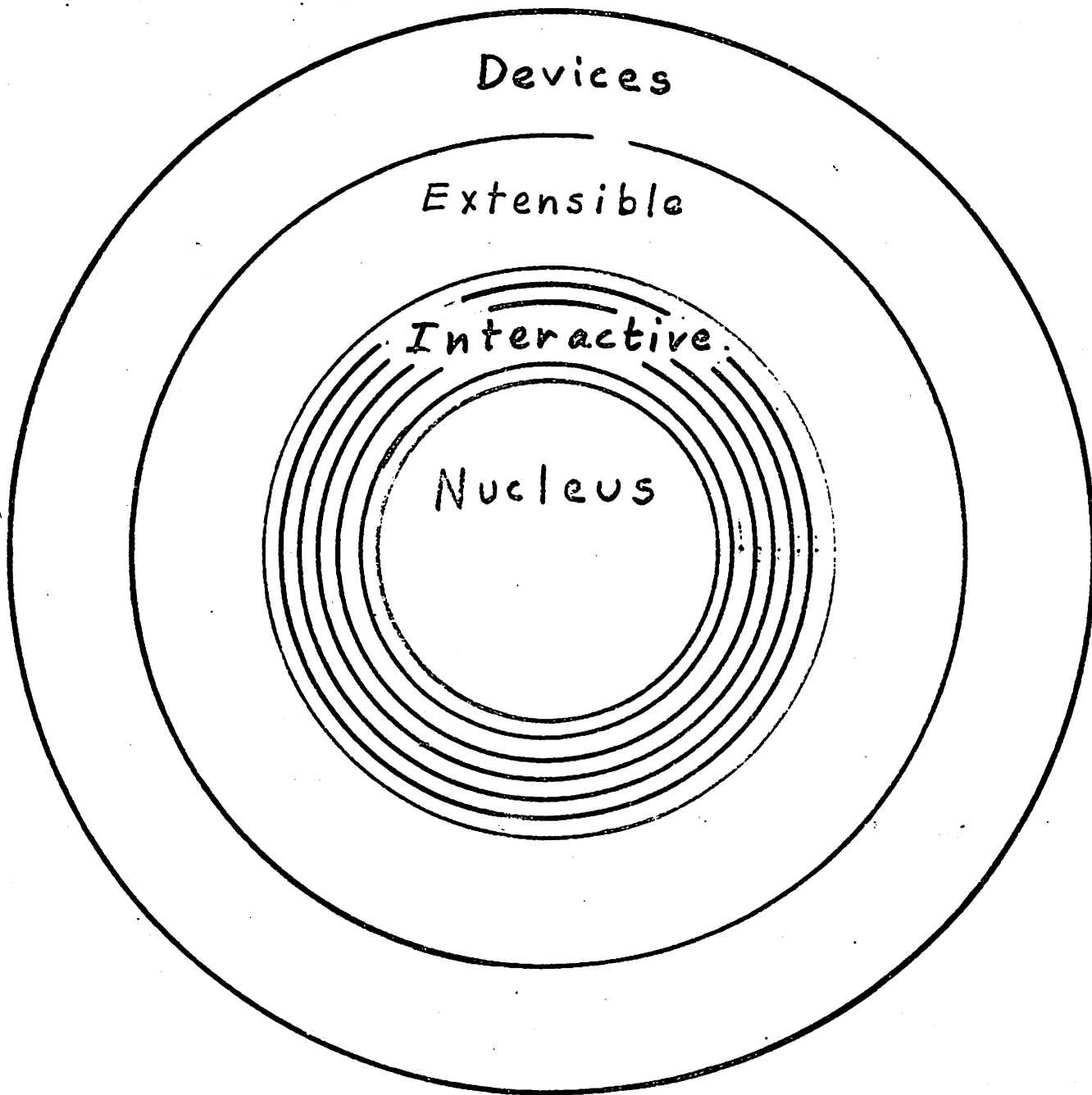


TEXT INTERPRETATION

Application
Layers



TEXT INTERPRETATION

This & next page: typical interpreting sequence

F 1 9

#chrs EXPECT (reads line into message buffer)

null at (CR)

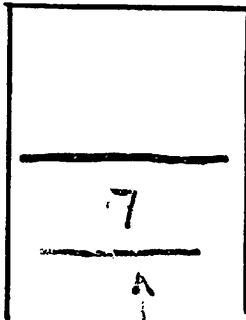
message
buffer



IN →

WORD

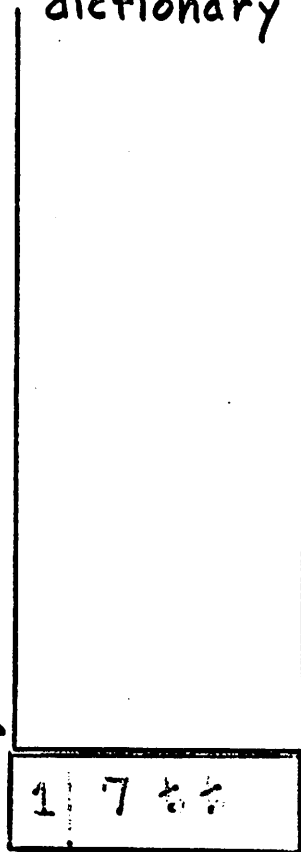
data
stack



NUMBER



dictionary

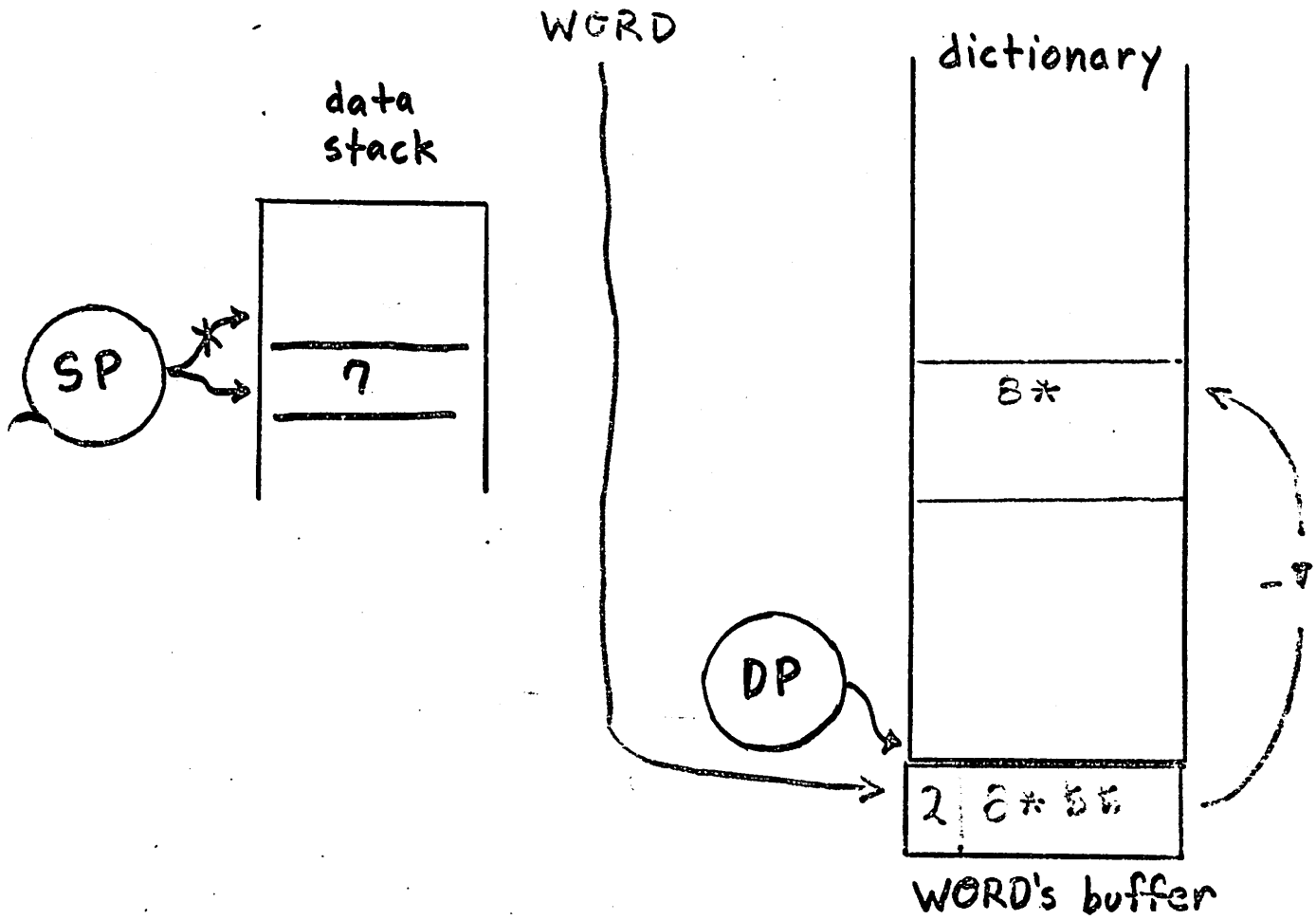
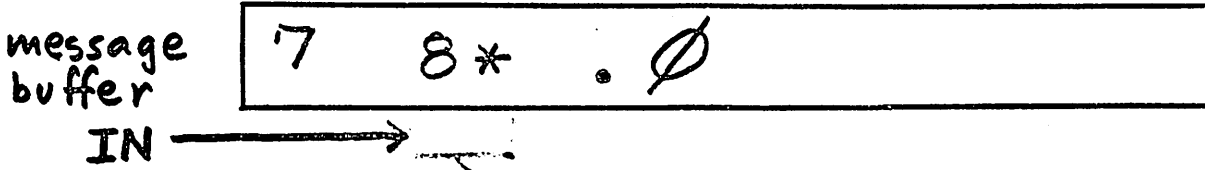


WORD's buffer

TEXT INTERPRETATION

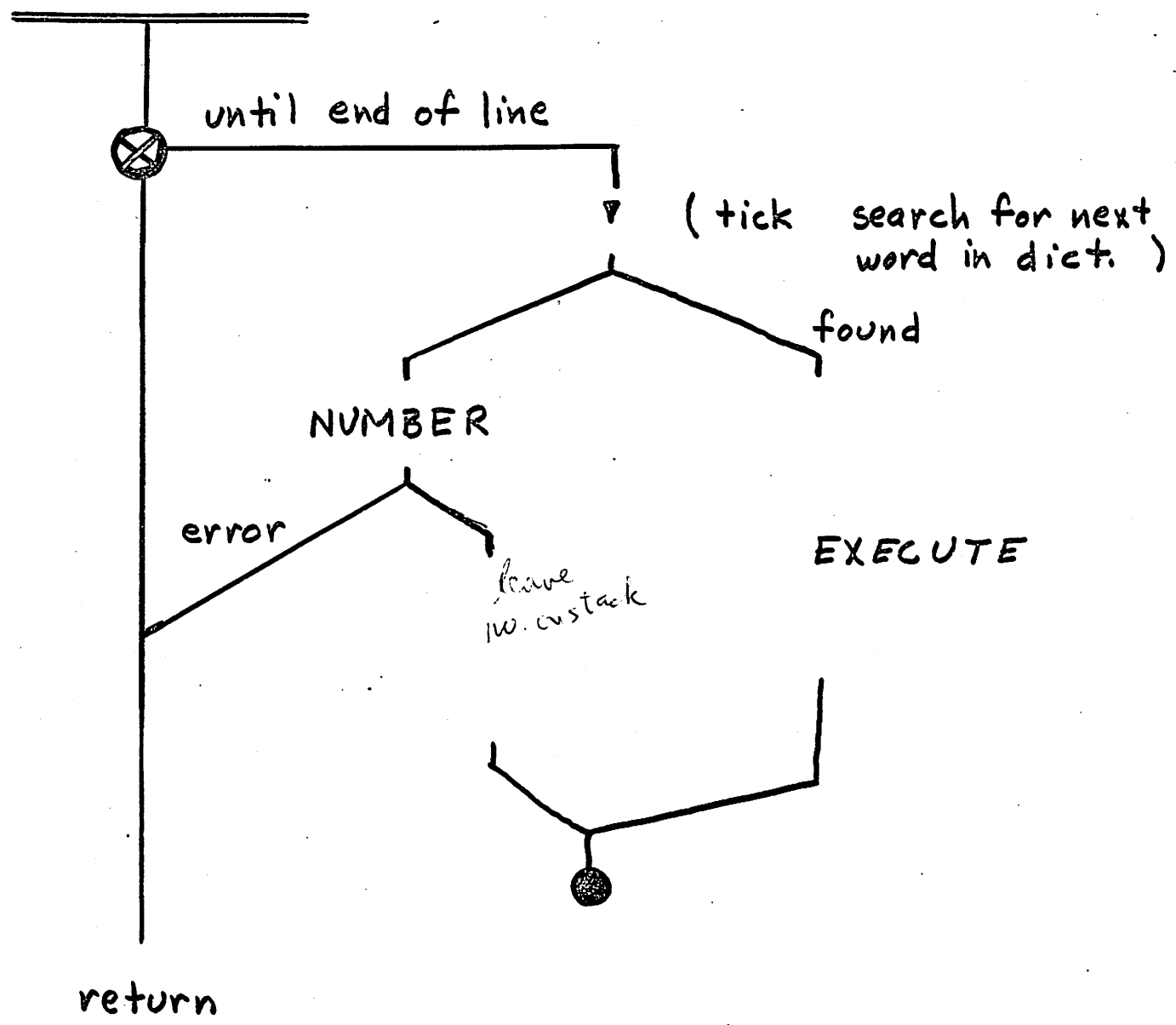
#chars EXPECT (reads line into message buffer)

↙ null at (CR)



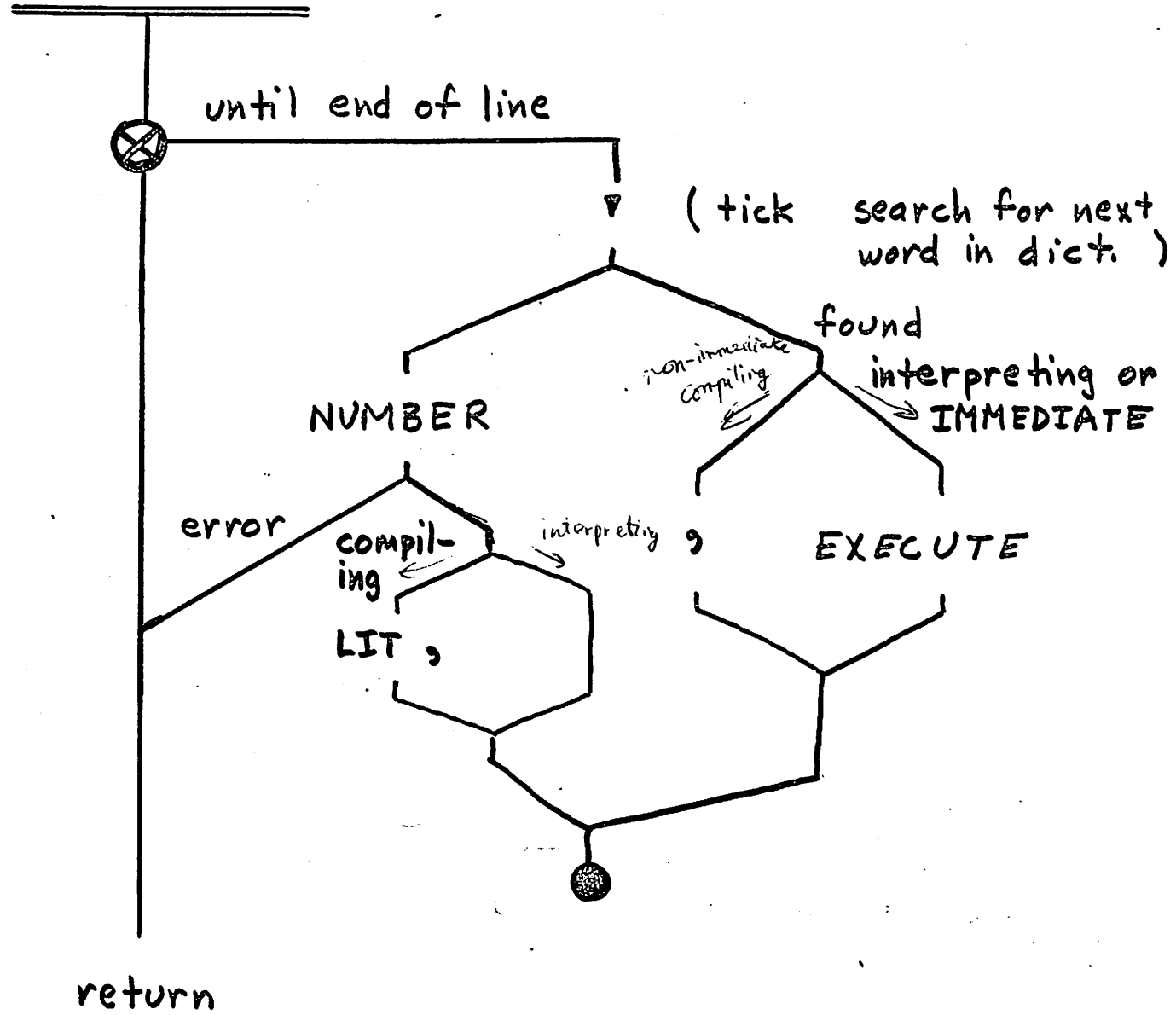
TEXT INTERPRETER

INTERPRET



TEXT INTERPRETER and COMPILER

INTERPRET



USER'S EXECUTIVE

```

: QUERY      TIB @ 50HEX EXPECT ( read line
              from
              terminal )
              0 IN ! ;

```

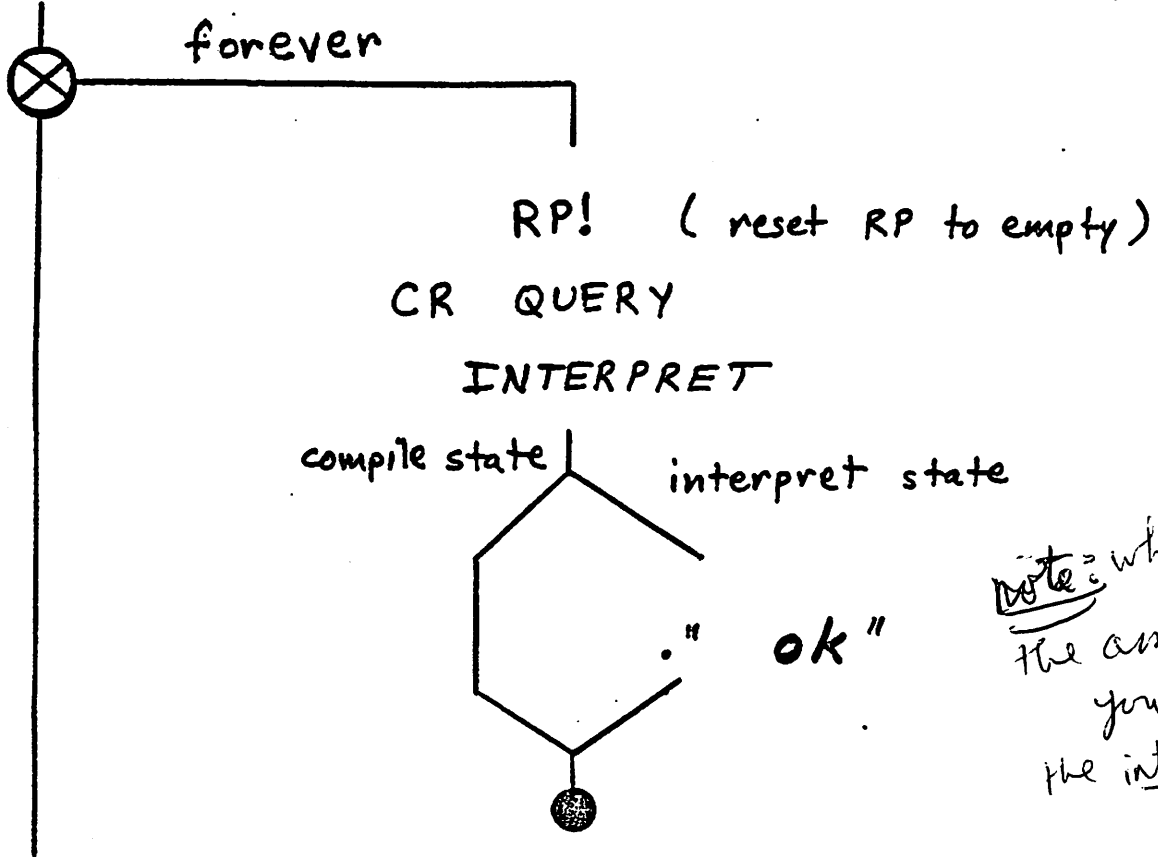
QUIT

```

0 BLK !      ( input stream from keyboard )
[            ( guarantee interpret state )

```

the "ultimate" executive loop, for a single user system



Note: when in the assembly, you're in the interpret state