ls -lRa > test | << EOF wc >test2| echo 'hello "$USER"'

# LEXING

Passage de la chaine de charactere en chaine de struct de la forme :

```
typedef struct s_tok {
    char *val;
    int type
} t_tok;
```

## TRI ET REGROUPEMENT DES CHARACTERES

ls_-lRa_>_test_|_<<_EOF_wc_>test2|_echo_"'hello_"$USER"'"

LITERAL OUTREDIR PIPE DOUBLEQUOTE
SPACE INREDIR SIMPLEQUOTE

## REGROUPEMENT LOGIQUE ET NETTOYAGE

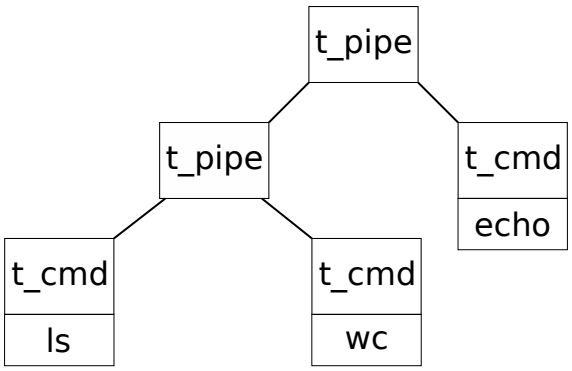
{"ls","-lRa",">","test","|","<<","EOF","wc",">","test2","|","echo",""'hello"$USER"'""}

# PARSING

Passage de la chaine de charactere en tokens de structs de la forme :

```
typedef struct s_cmd {
    char **argv;
    t_tok *redir;
} t_cmd;
```

```
typedef struct s_pipe {
    t_cmd *left;
    t_cmd *right;
} t_pipe;
```




# EXPANDING