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GRAMÁTICA AJUSTADA E PARSER SIMPLIFICADO

Santarém
2023

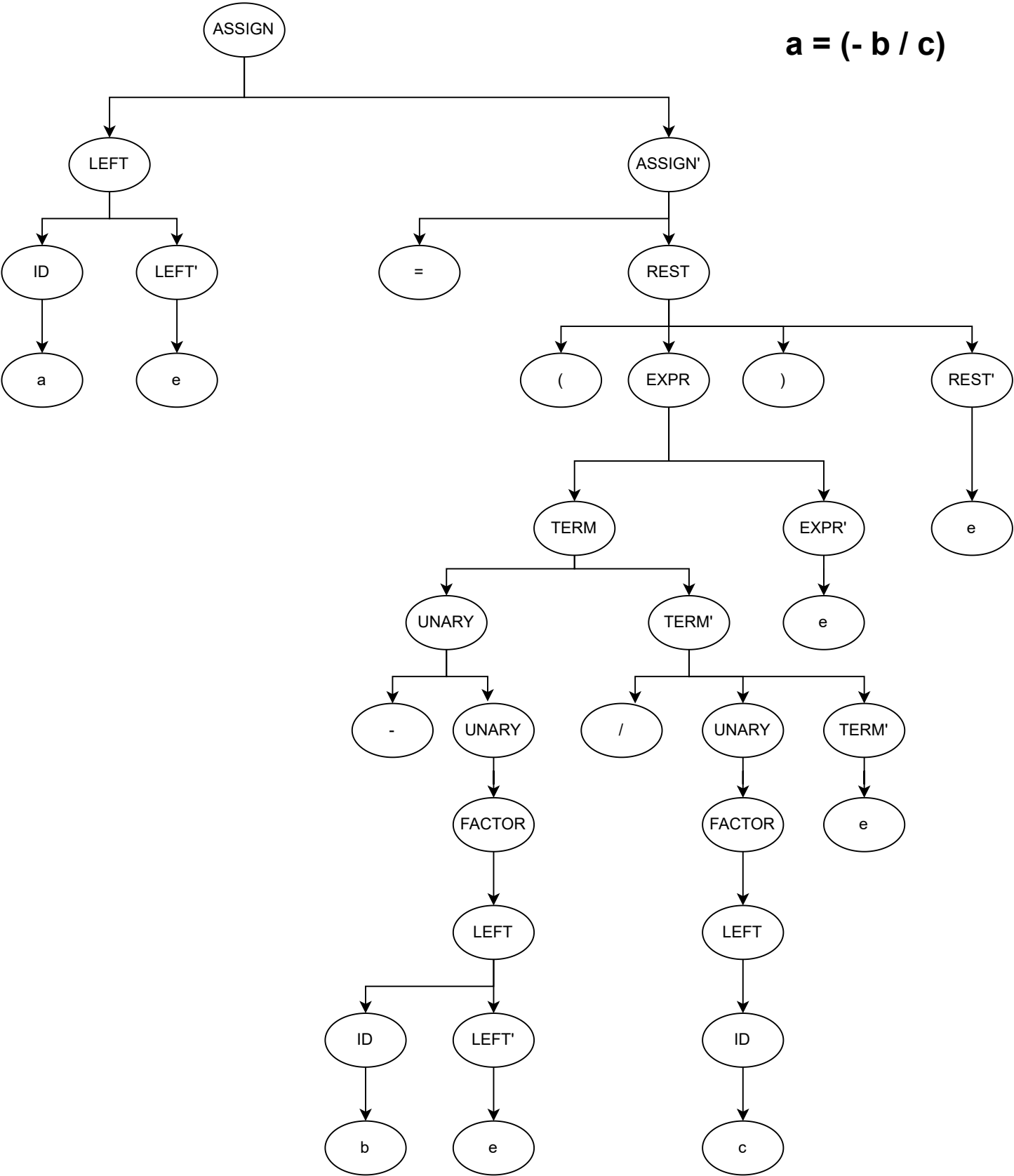
Gramática Anterior

```
ASSIGN ::= LEFT > (EXPR) | LEFT < (EXPR) | LEFT = REST
LEFT   ::= ID | ID[EXPR]
REST   ::= LEFT = REST | (EXPR)
EXPR   ::= EXPR + TERM | EXPR - TERM | TERM
TERM   ::= TERM * UNARY | TERM / UNARY | UNARY
UNARY  ::= + UNARY | - UNARY | FACTOR
FACTOR ::= (EXPR) | DIGIT | LEFT
ID     ::= a | b | ... | z
DIGIT  ::= 0 | 1 | ... | 9
```

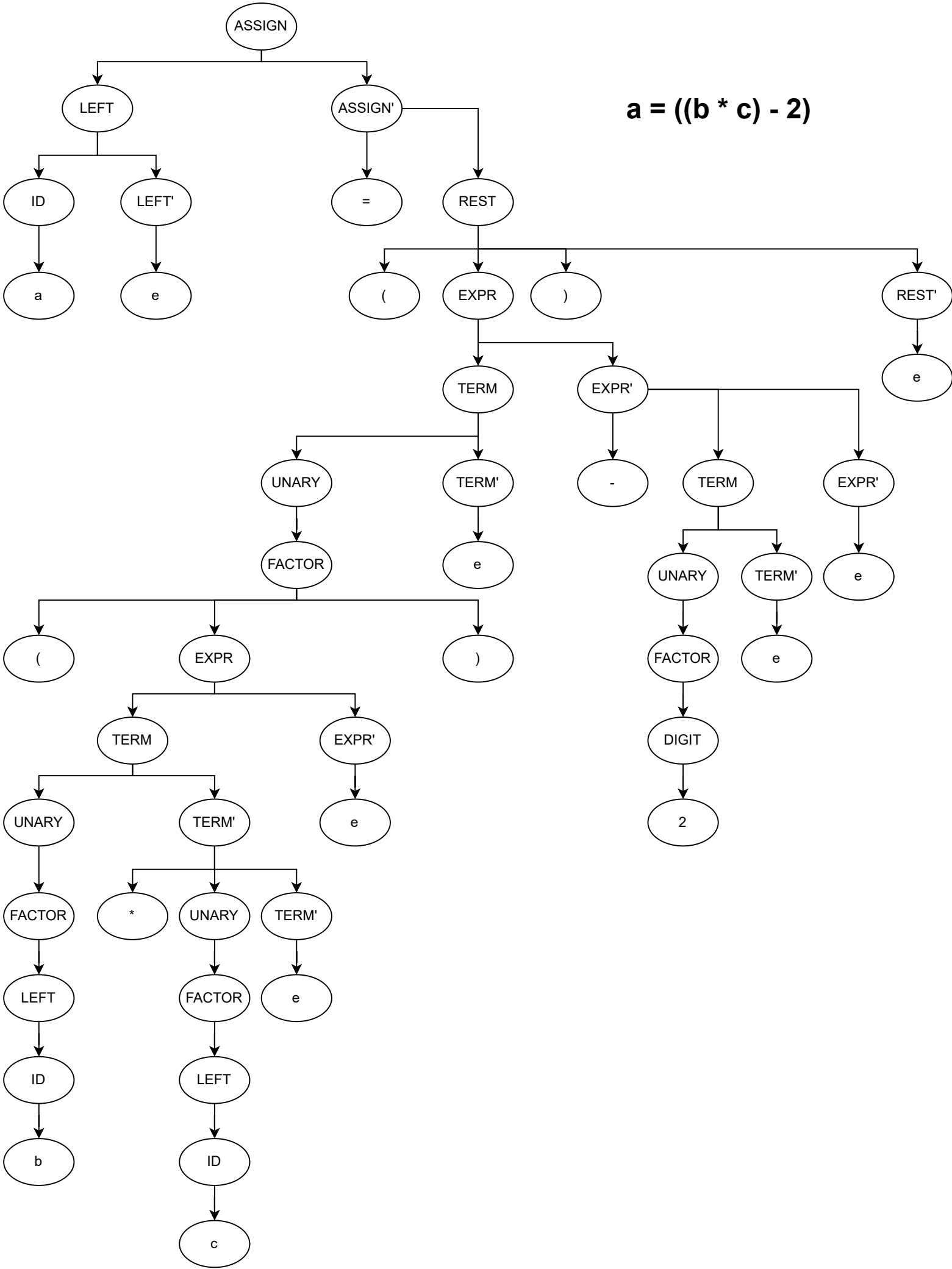
Gramática Nova

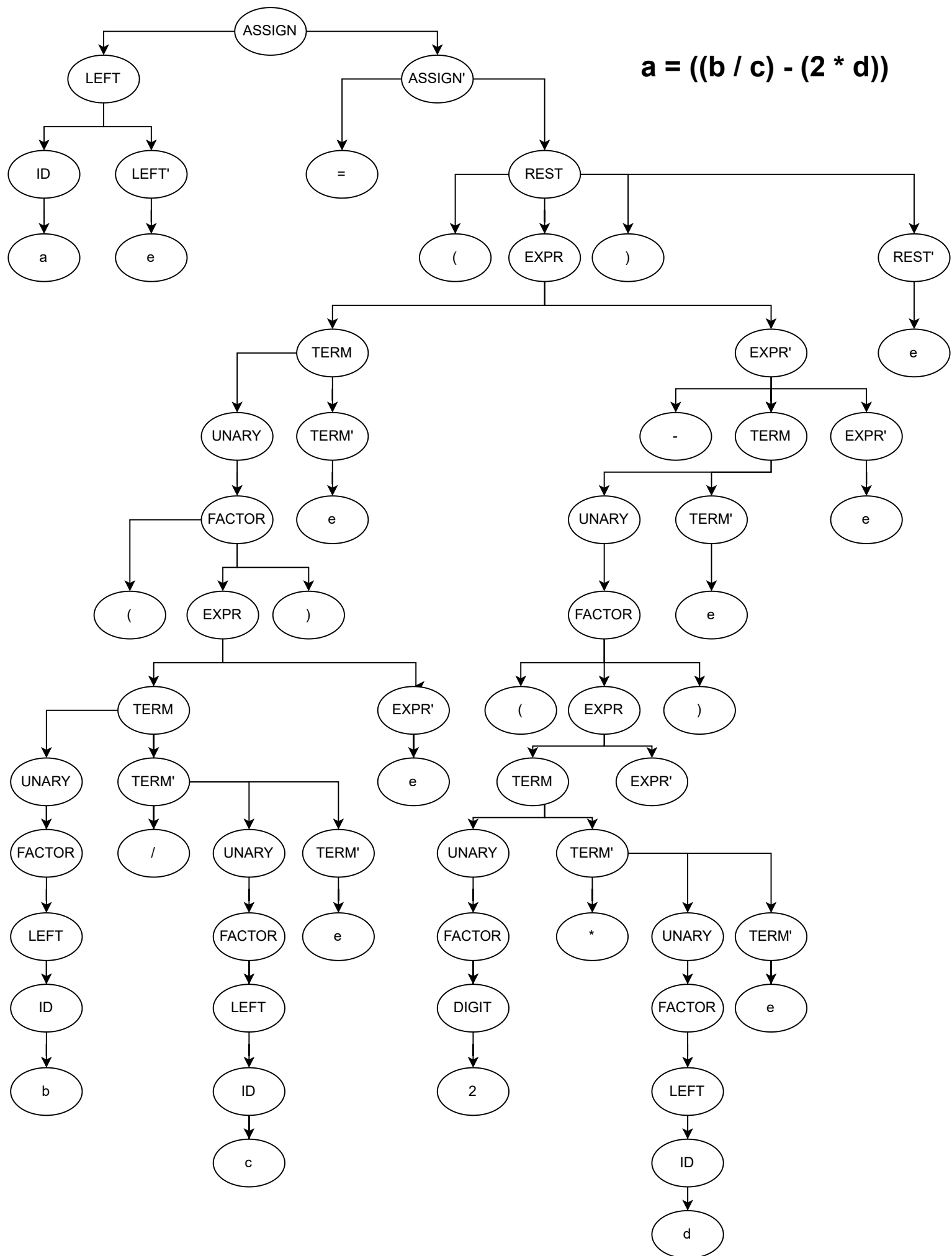
```
ASSIGN ::= LEFT ASSIGN'
ASSIGN' ::= < (EXPR) | > (EXPR) | = REST
LEFT    ::= ID LEFT'
LEFT'   ::= [EXPR] | ε
REST    ::= (EXPR) REST'
REST'   ::= = REST | ε
EXPR    ::= TERM EXPR'
EXPR'   ::= + TERM EXPR' | - TERM EXPR' | ε
TERM    ::= UNARY TERM'
TERM'   ::= * UNARY TERM' | / UNARY TERM' | ε
UNARY   ::= + UNARY | - UNARY | FACTOR
FACTOR  ::= (EXPR) | DIGIT | LEFT
ID      ::= a | b | ... | z
DIGIT   ::= 0 | 1 | ... | 9
```

a = (- b / c)

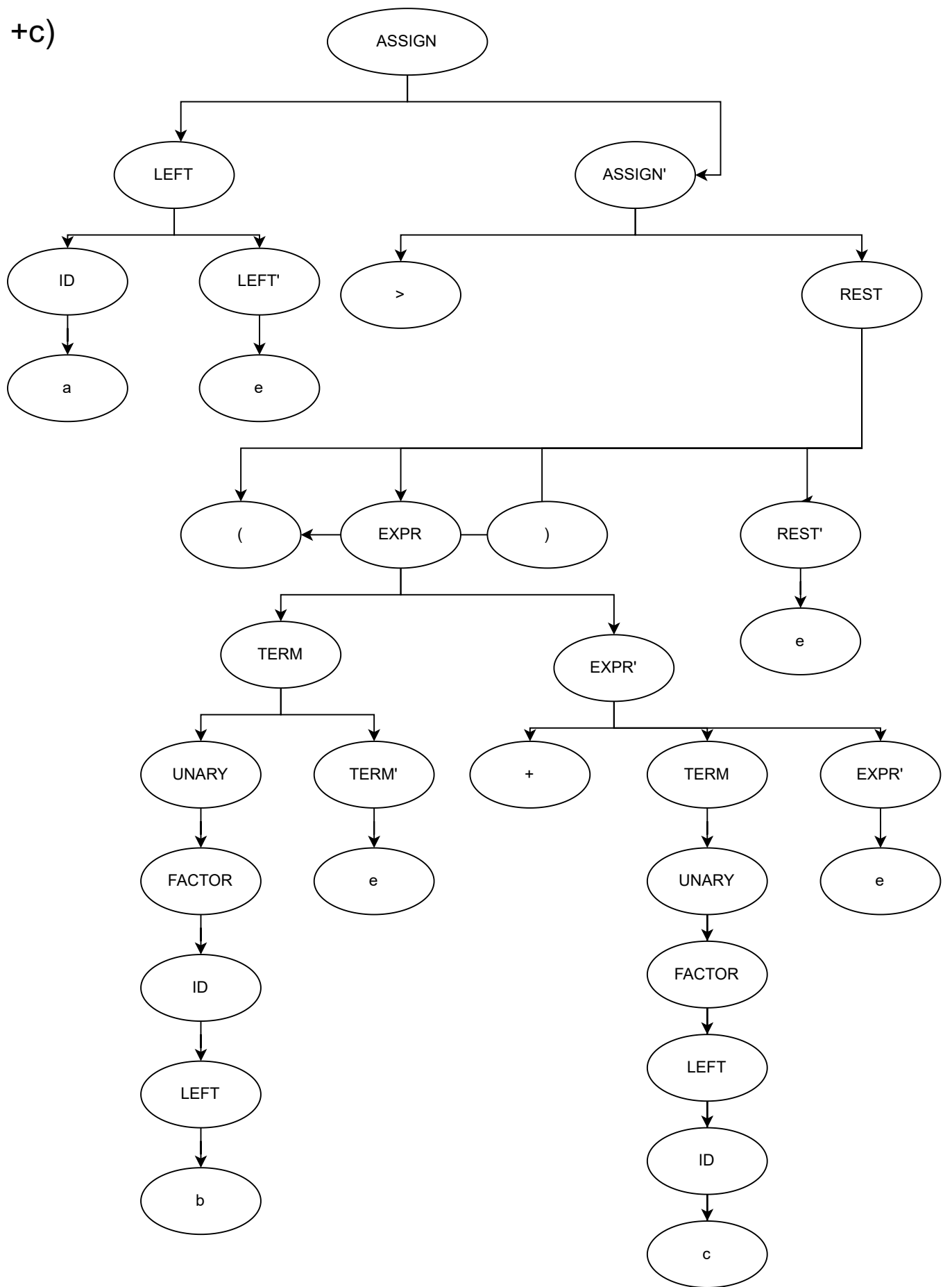


a = ((b * c) - 2)





$a > (b + c)$



a < (b-2)

