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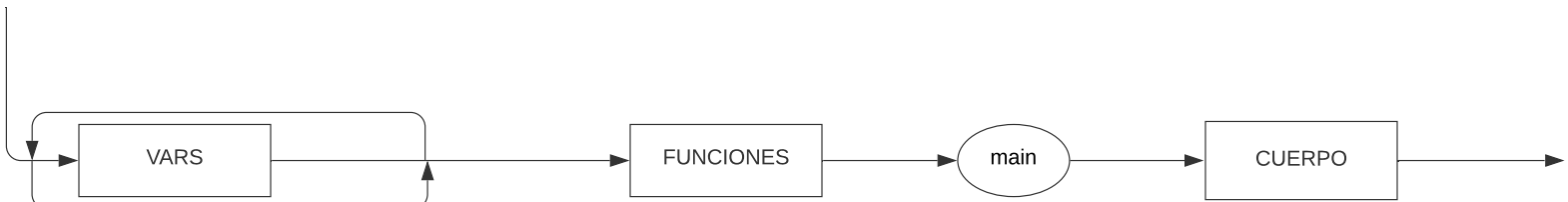

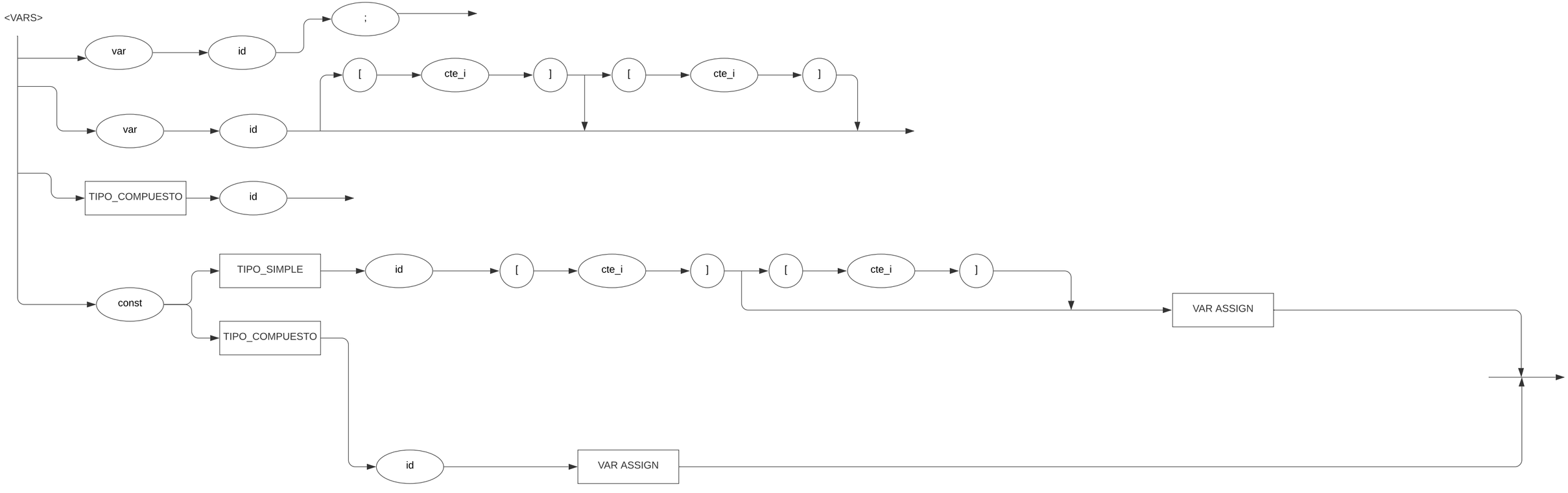
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VAR ASSIGN
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VAR ASSIGN

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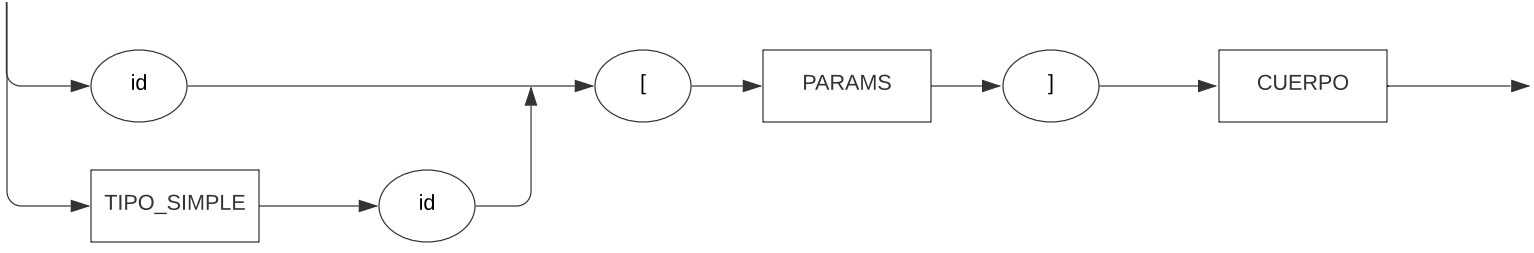

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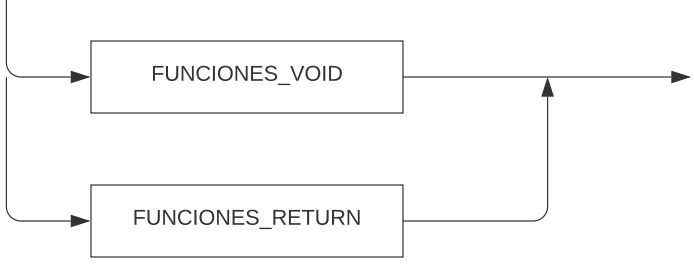

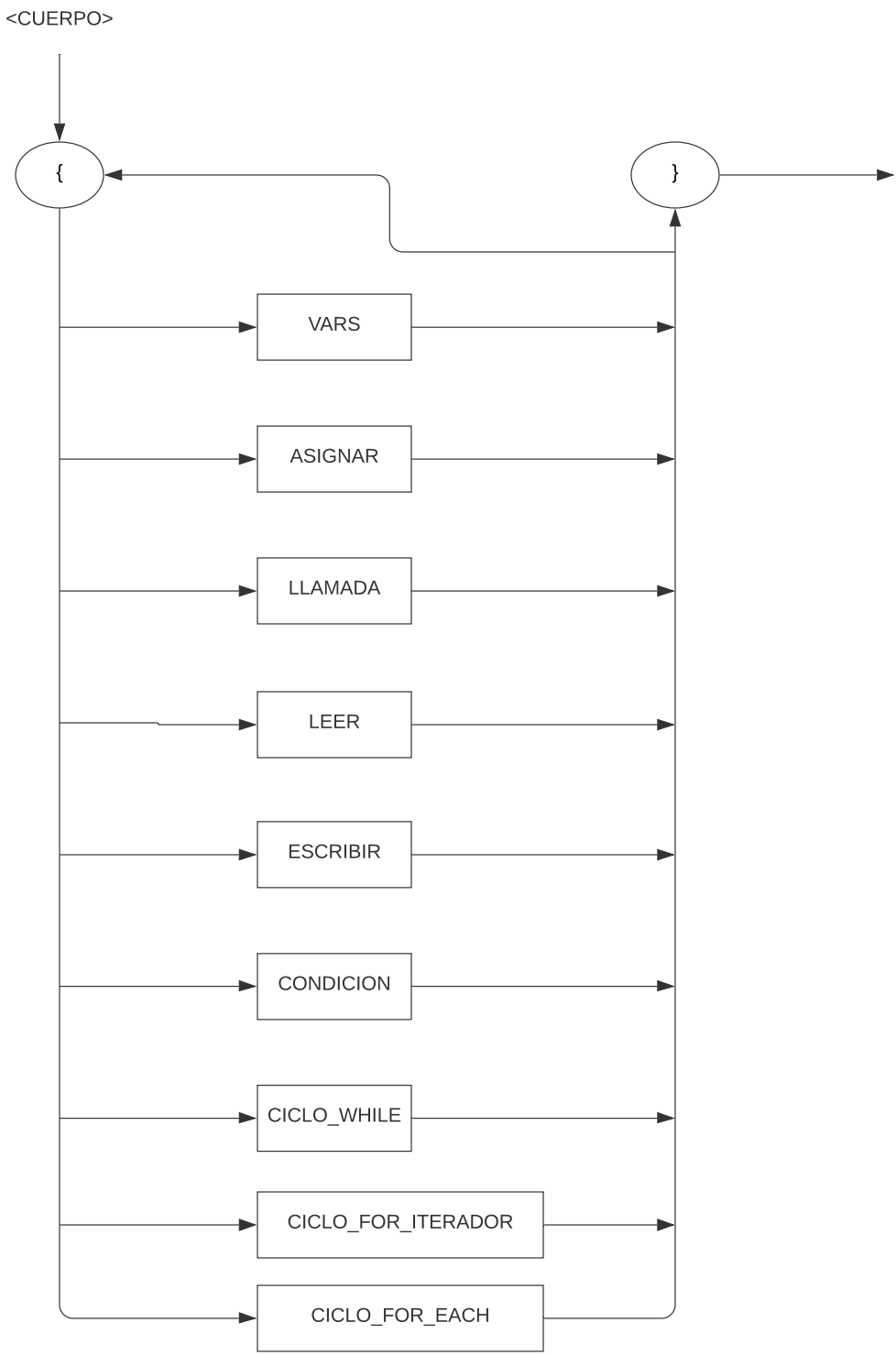
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{
}
VARS
ASIGNAR
LLAMADA
LEER
ESCRIBIR
CONDICION
CICLO_WHILE
CICLO_FOR_ITERADOR
CICLO_FOR_EACH

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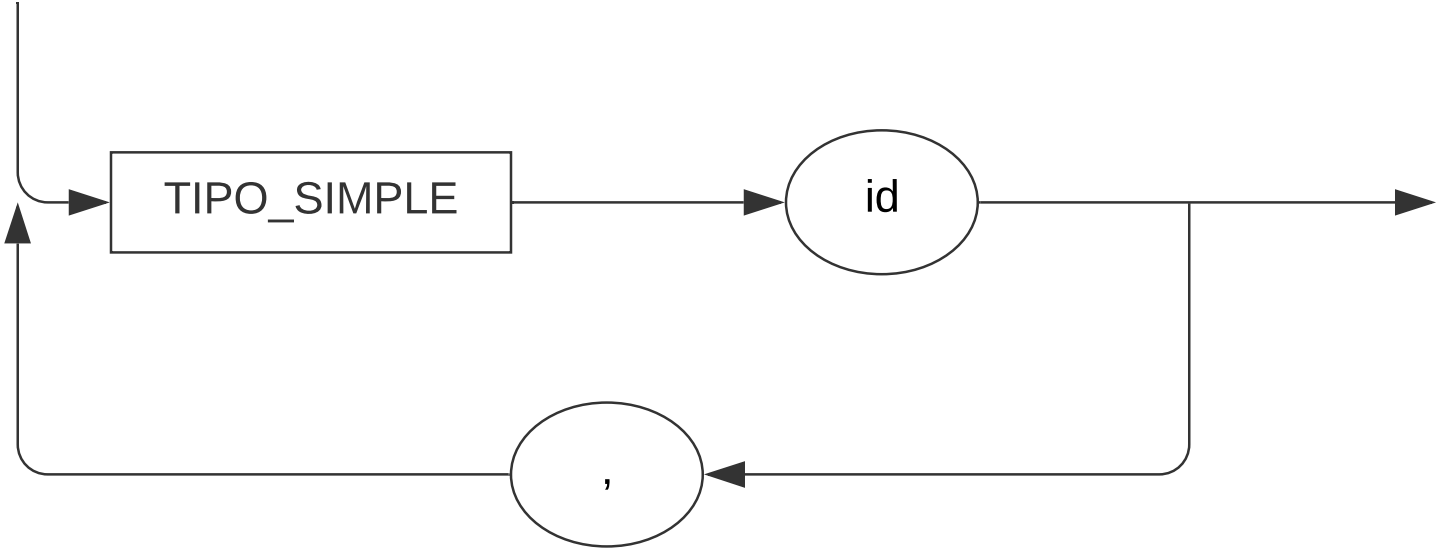


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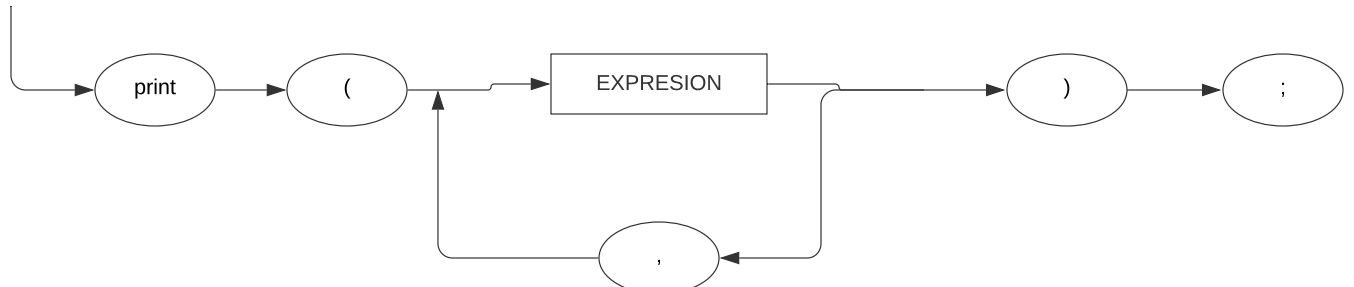

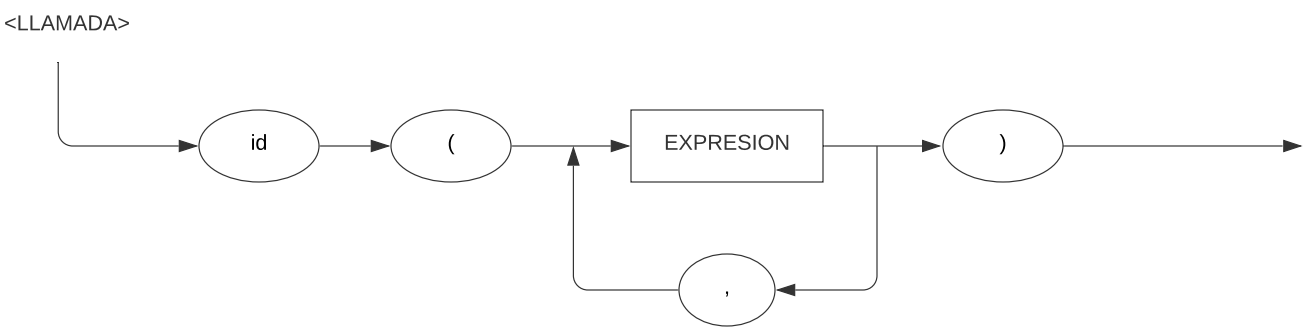
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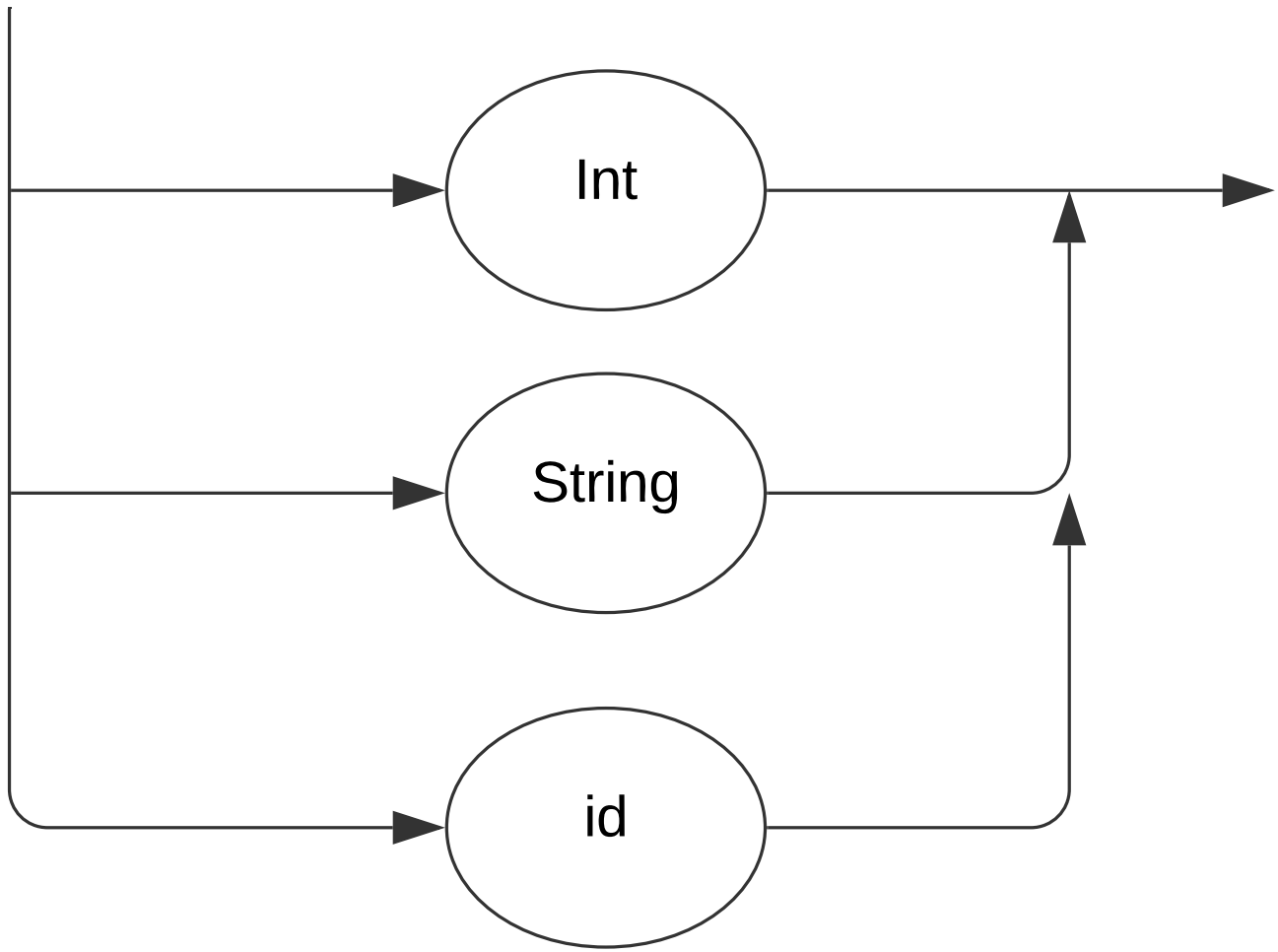

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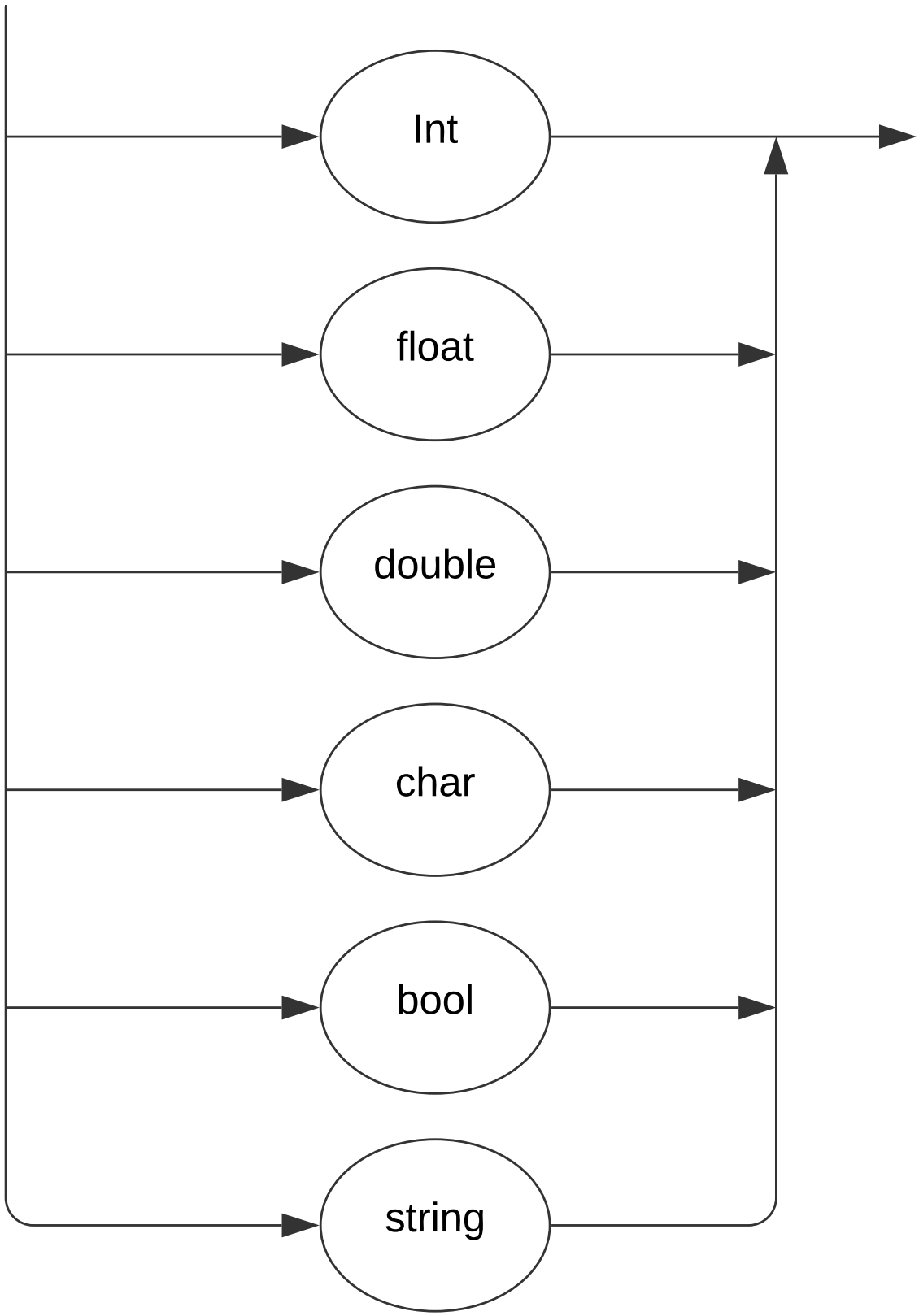
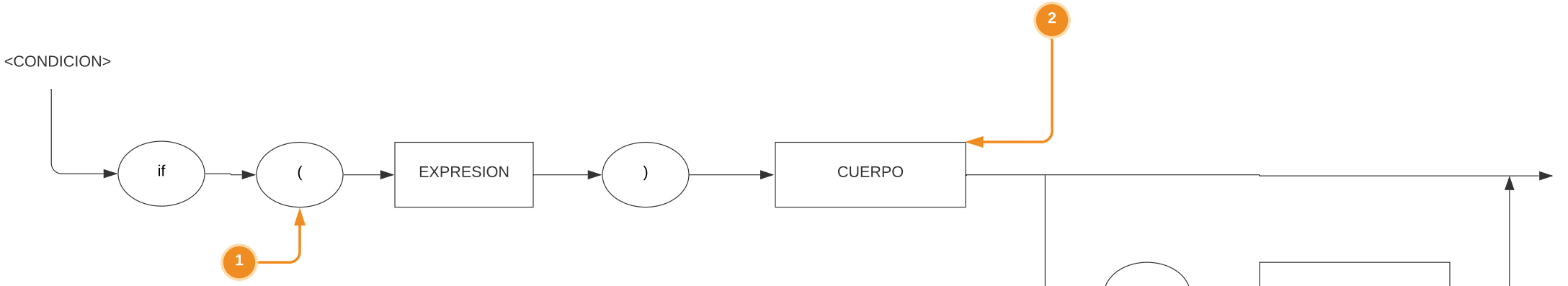
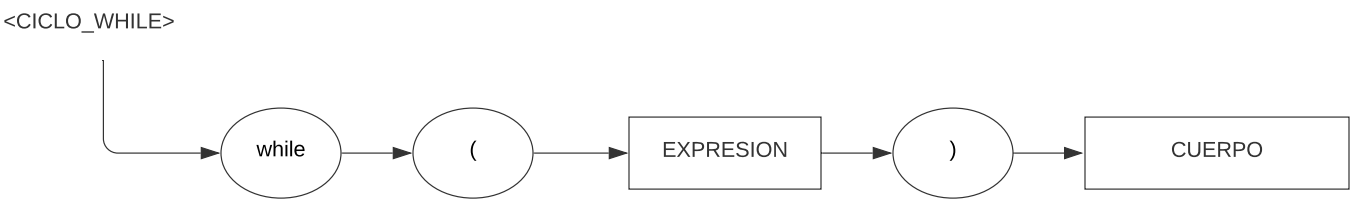




1.- exp_type = PTypes.Pop()
if (**exp_type** != bool) **ERROR**(Type-mismatch)
else
result = PilaO.Pop()
Generate quad: **GotoF, result , , ___**
PJumps.Push (cont-1)

2.- **end**=PJumps.Pop()
FILL (end, cont)

3.- Generate quad: **GOTO ___**
false= PJumps.Pop()
PJumps.Push(**cont-1**)
FILL (false, cont)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EXPRESION
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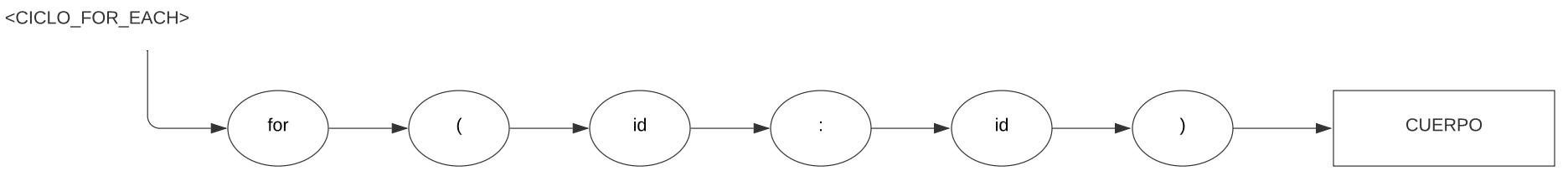
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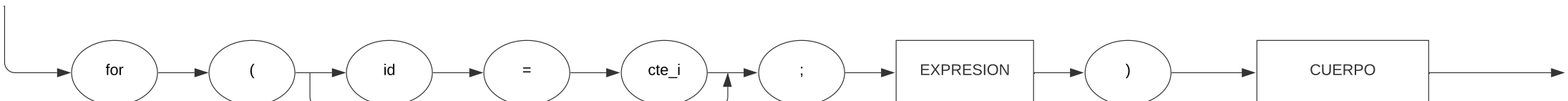
for
(
id
:
id
)
CUERPO

<CICLO_FOR_ITERADOR>



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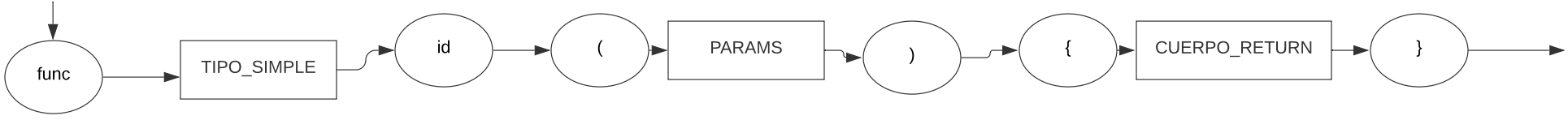

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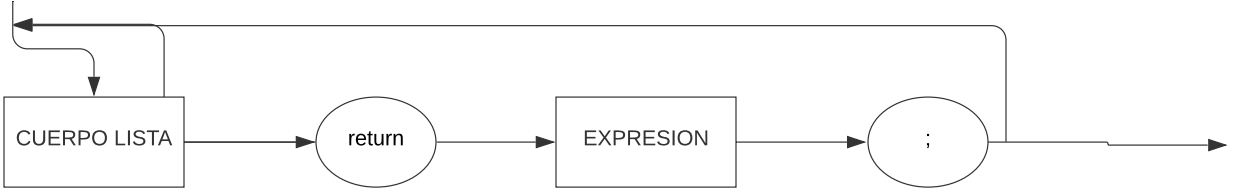

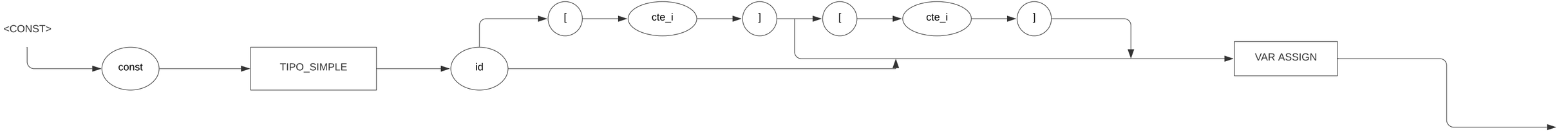
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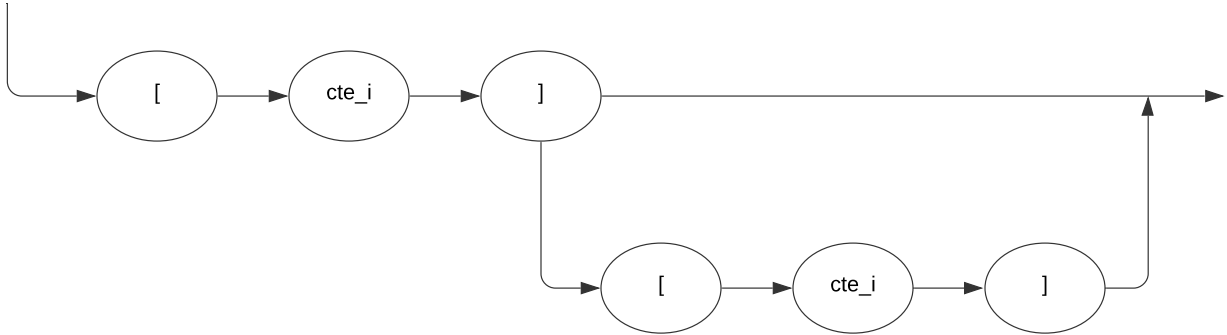
VAR ASSIGN

<ARRAY>



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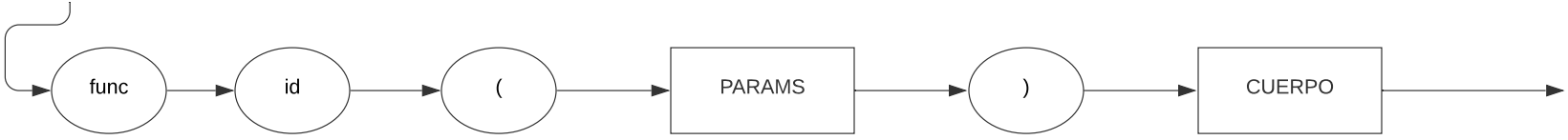

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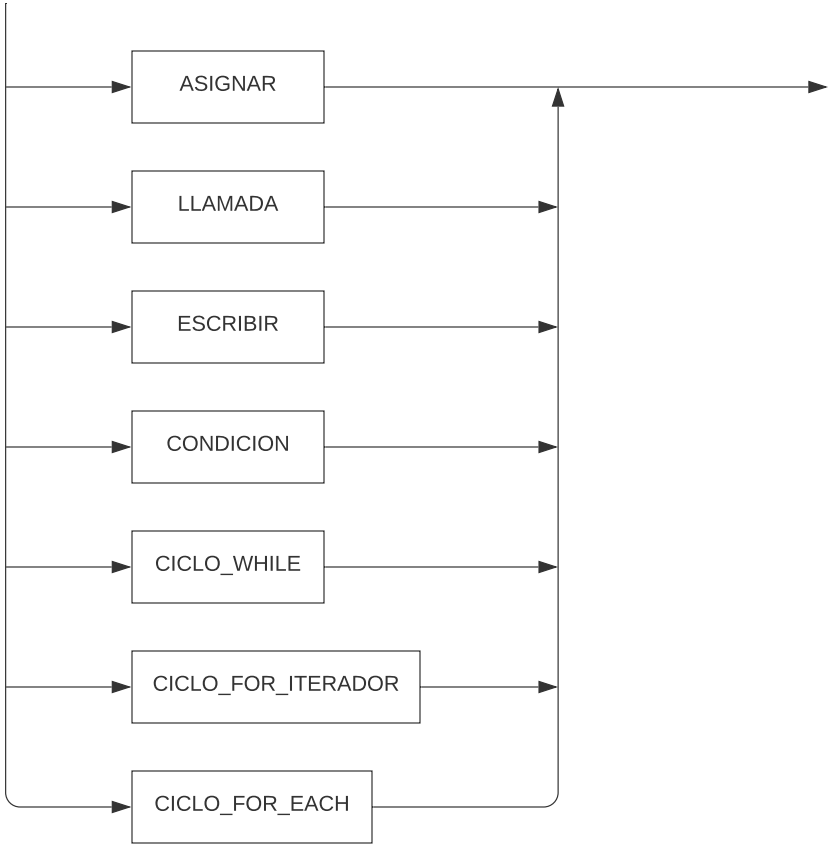

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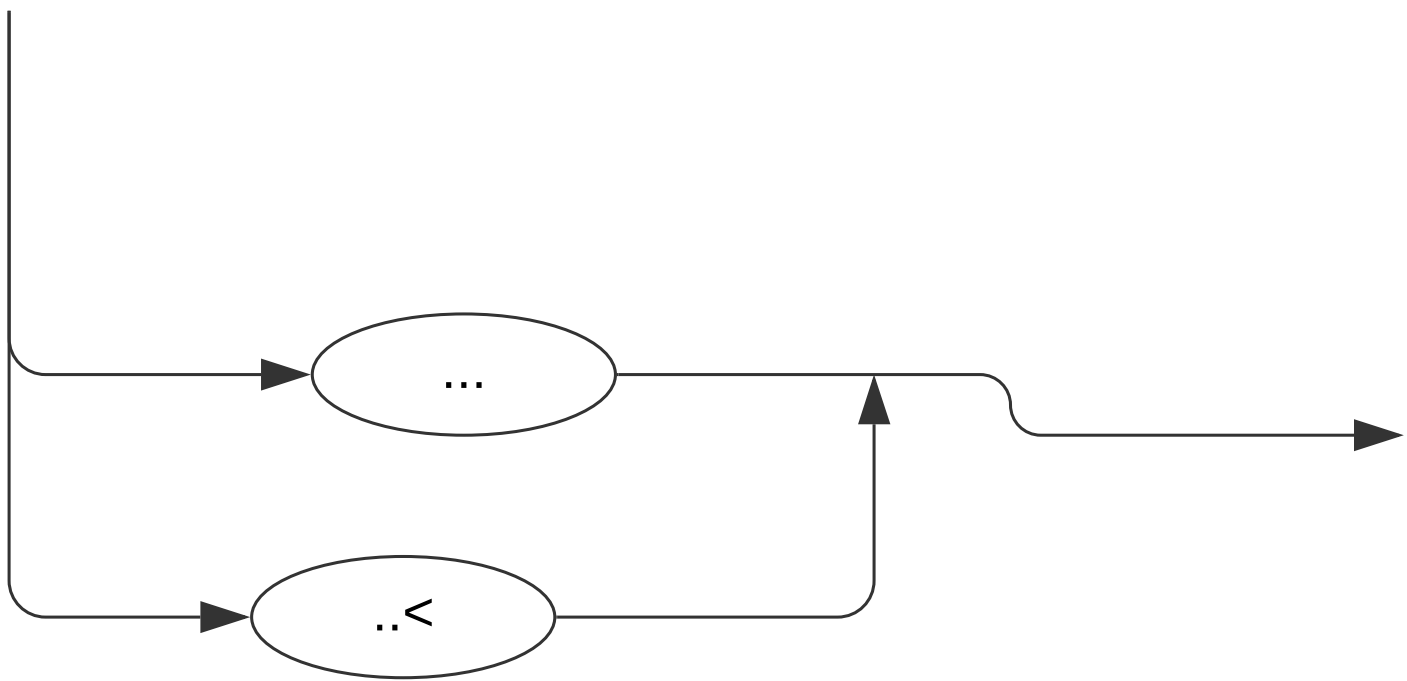

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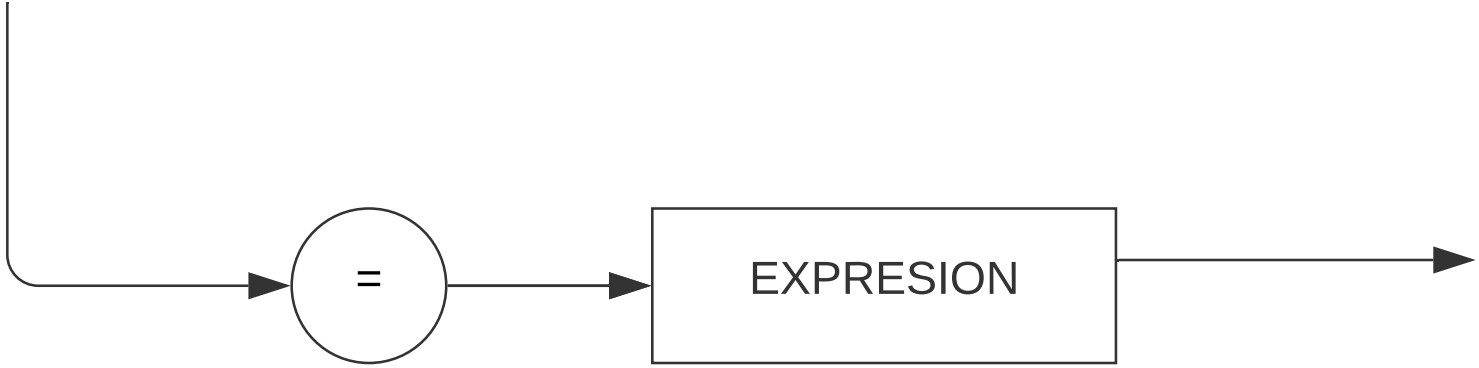

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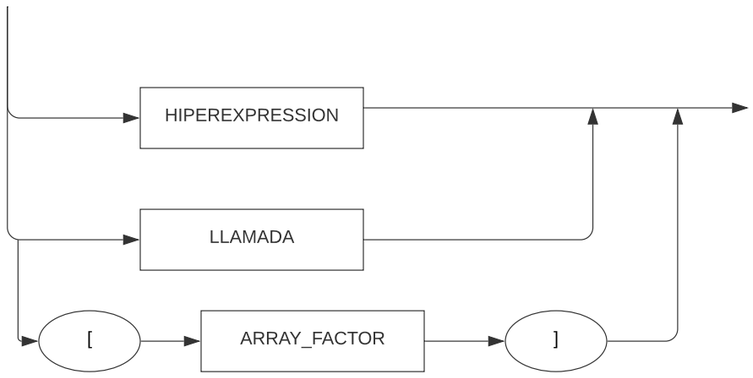

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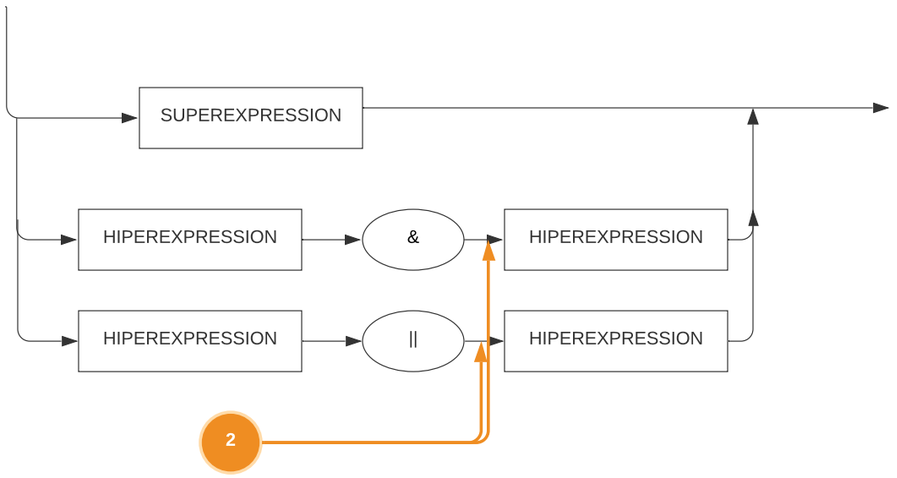

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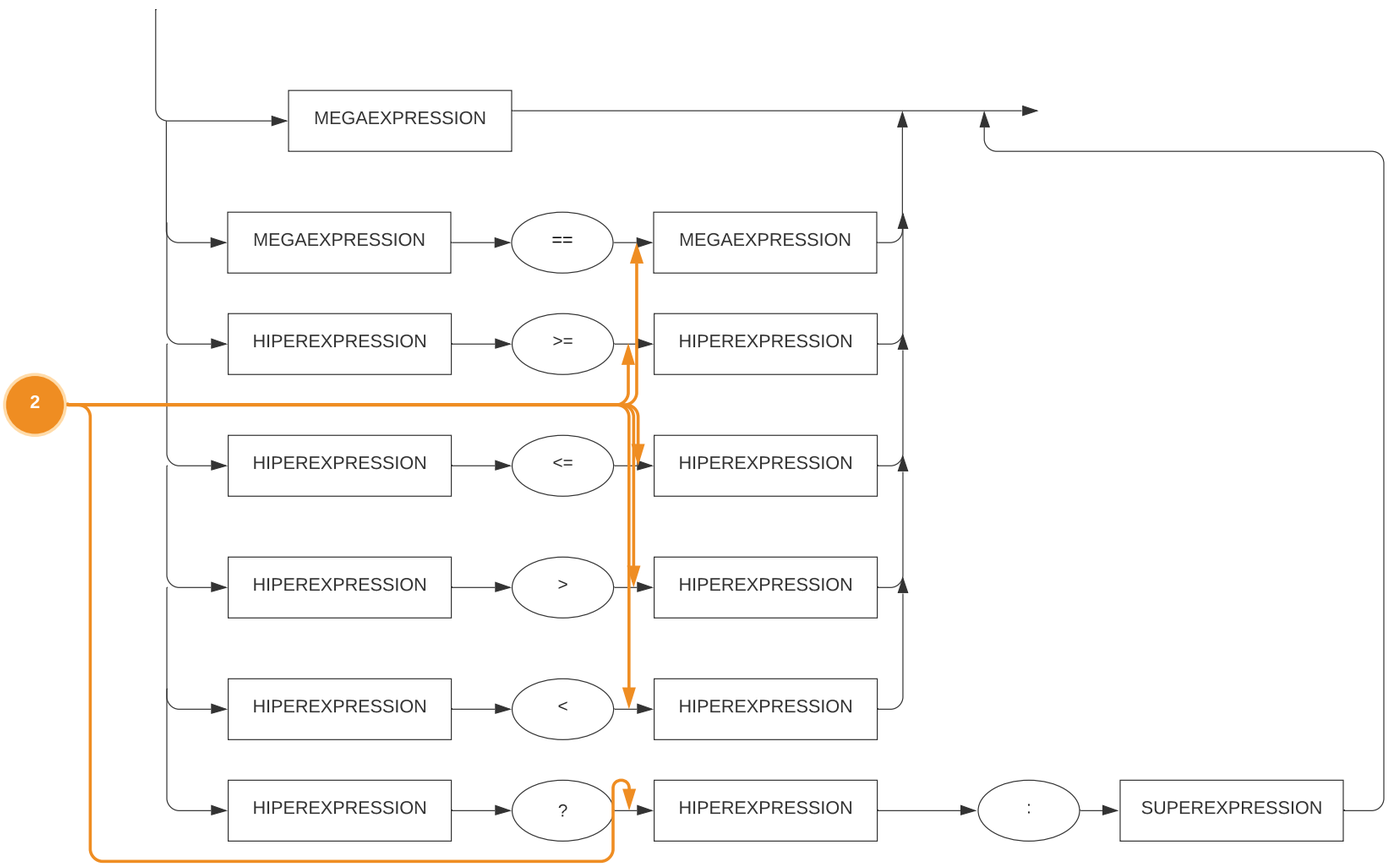

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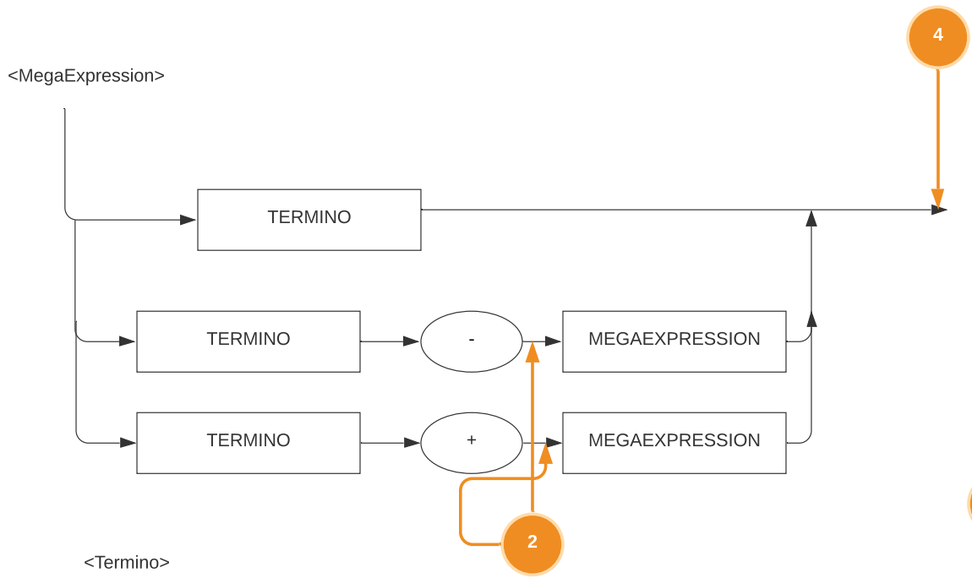

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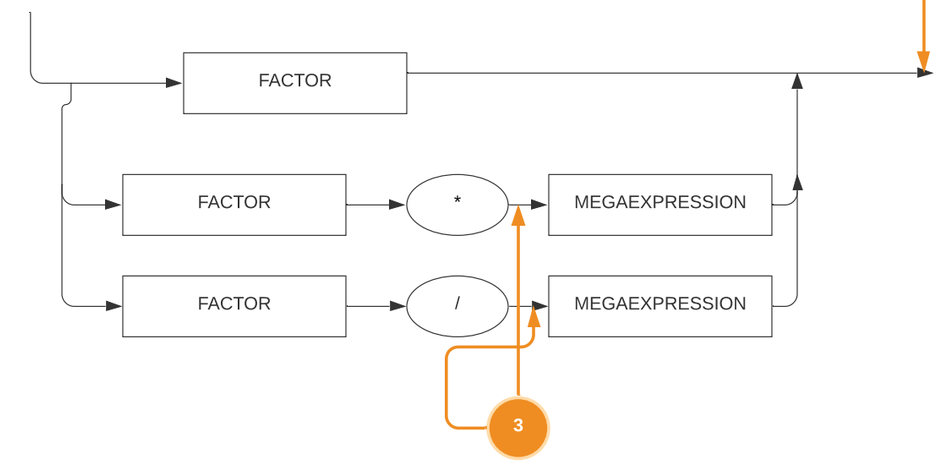

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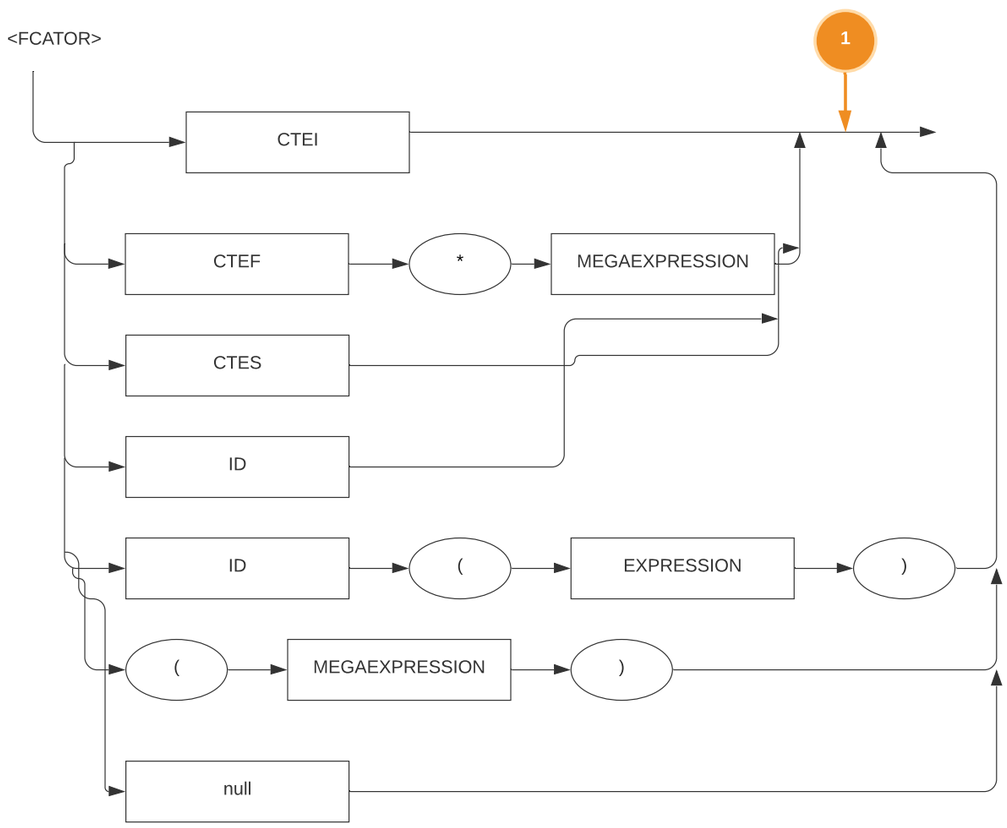

1.- PilaO.Push(id.name) and PTypes.Push(id.type)
2.- POper.Push(+ or -)
3.- POper.Push(* or /)
4.- If POper.top() == '+' or '-' then
right_operand= PilaO.Pop() right_Type=PTypes.Pop()
left_operand=PilaO.Pop() let_Type=PTypes.Pop()
operator= POper.Pop()
result_Type= Semantics[left_Type,
right_Type, operator]
if (result_Type != ERROR)
result ←AVAIL.next()
generate quad
(operator, left_operand, right_operand, result)
Quad.Push(quad)
PilaO.Push(result) PTypes.Push(result_Type)
If any operand were a temporal space,
return it to AVAIL
Else
ERROR ("Type mismatch")
5.- If POper.top() == '*' or '/' then
= to #4 with *,/