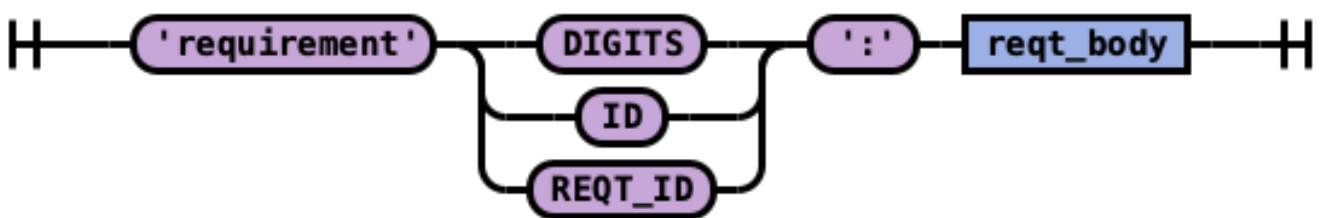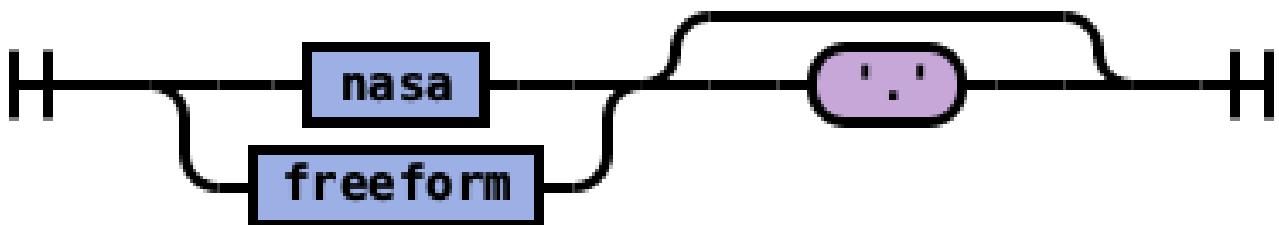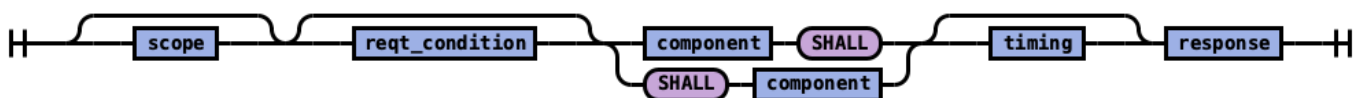reqts :

reqt :

reqt_body :
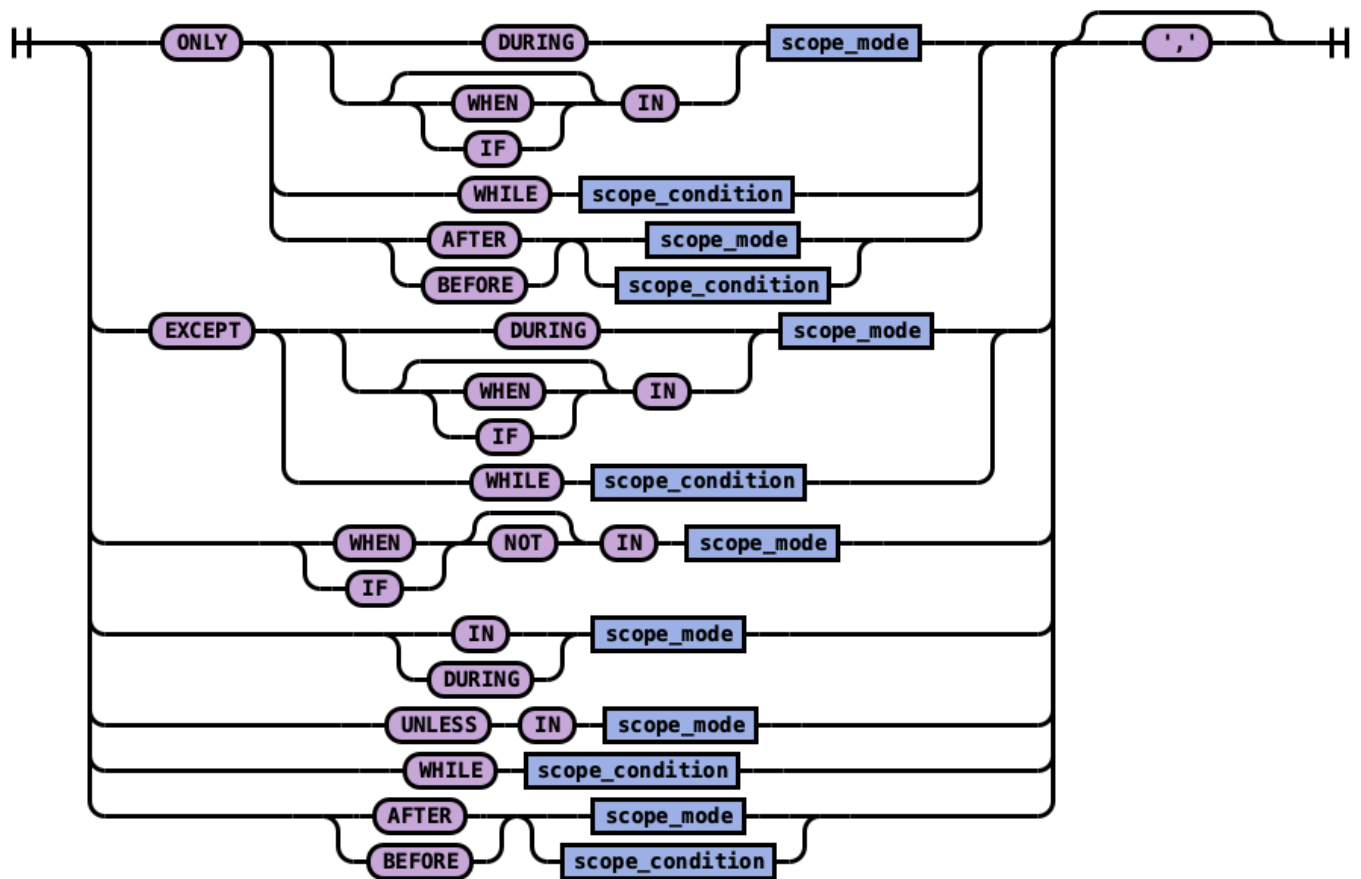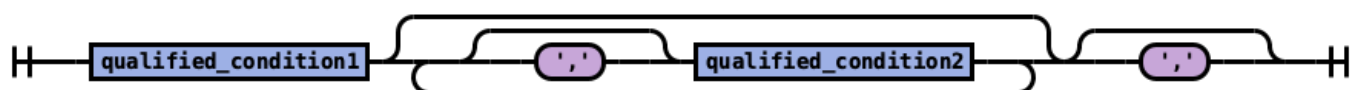

freeform :

nasa :

scope :

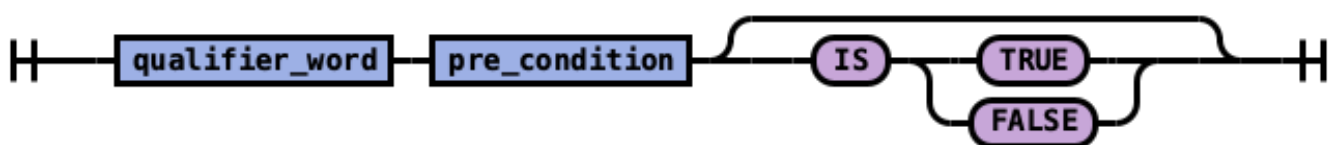
reqt_condition :

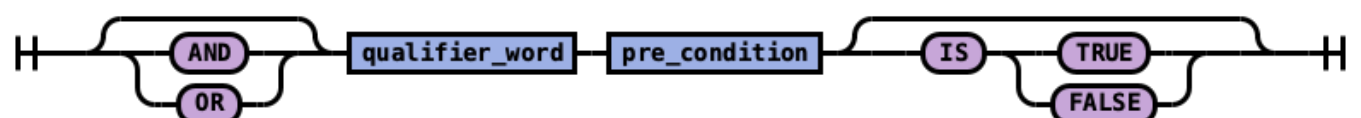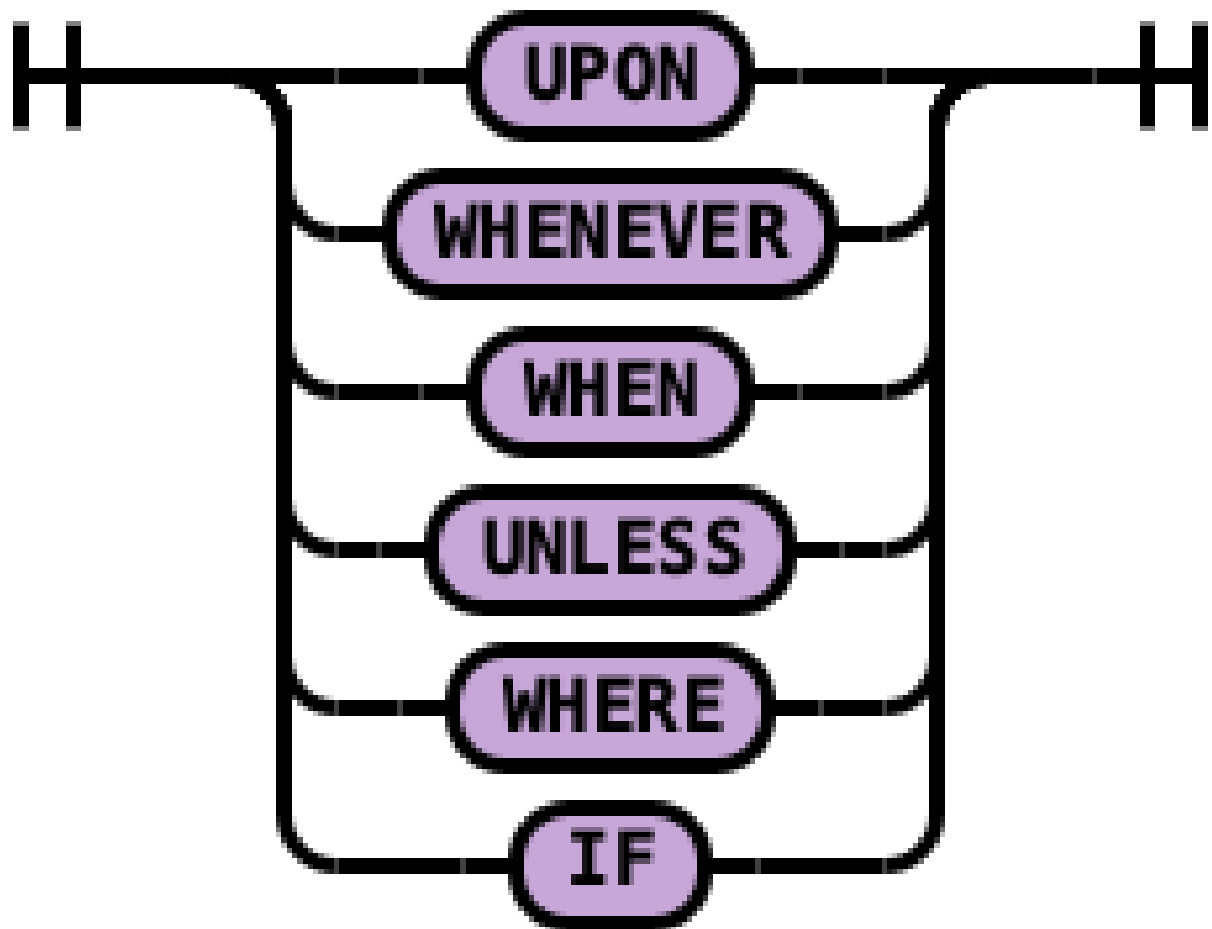regular_condition :

qualifier_word :

qualified_condition1 :

qualified_condition2 :
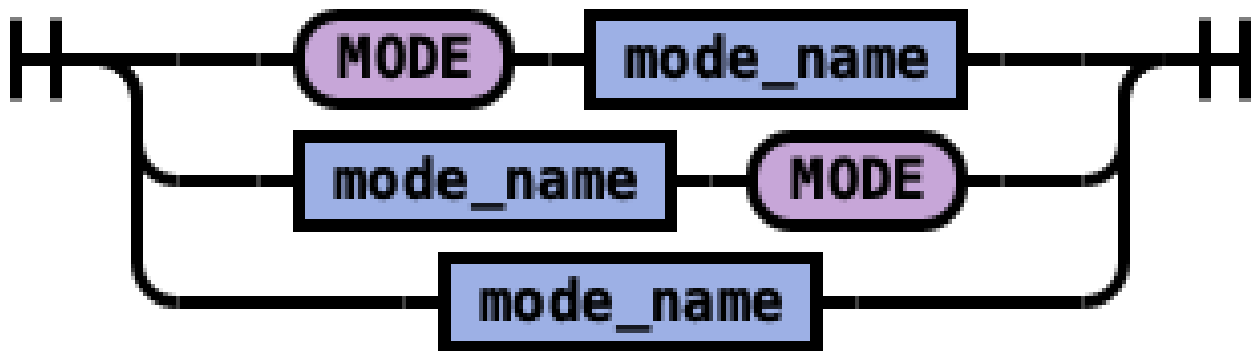
scope_condition :

scope_mode :
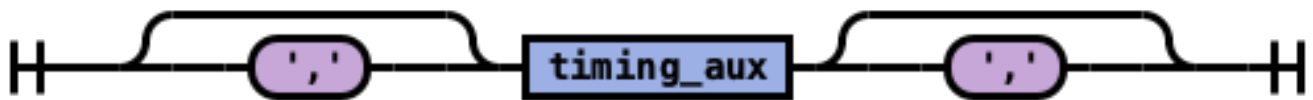pre_condition :

stop_condition :
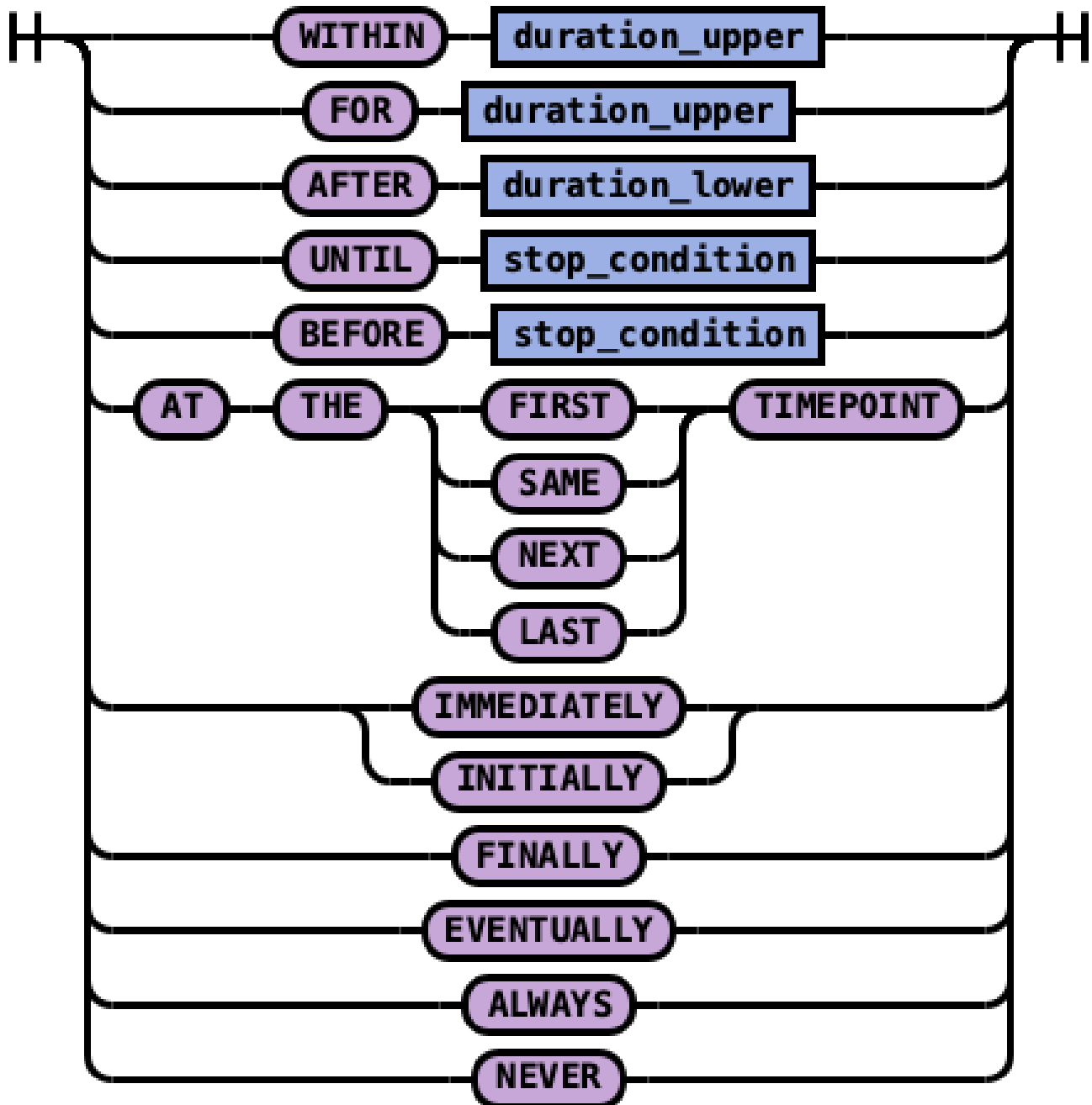

component :

response :

satisfaction :

timing :

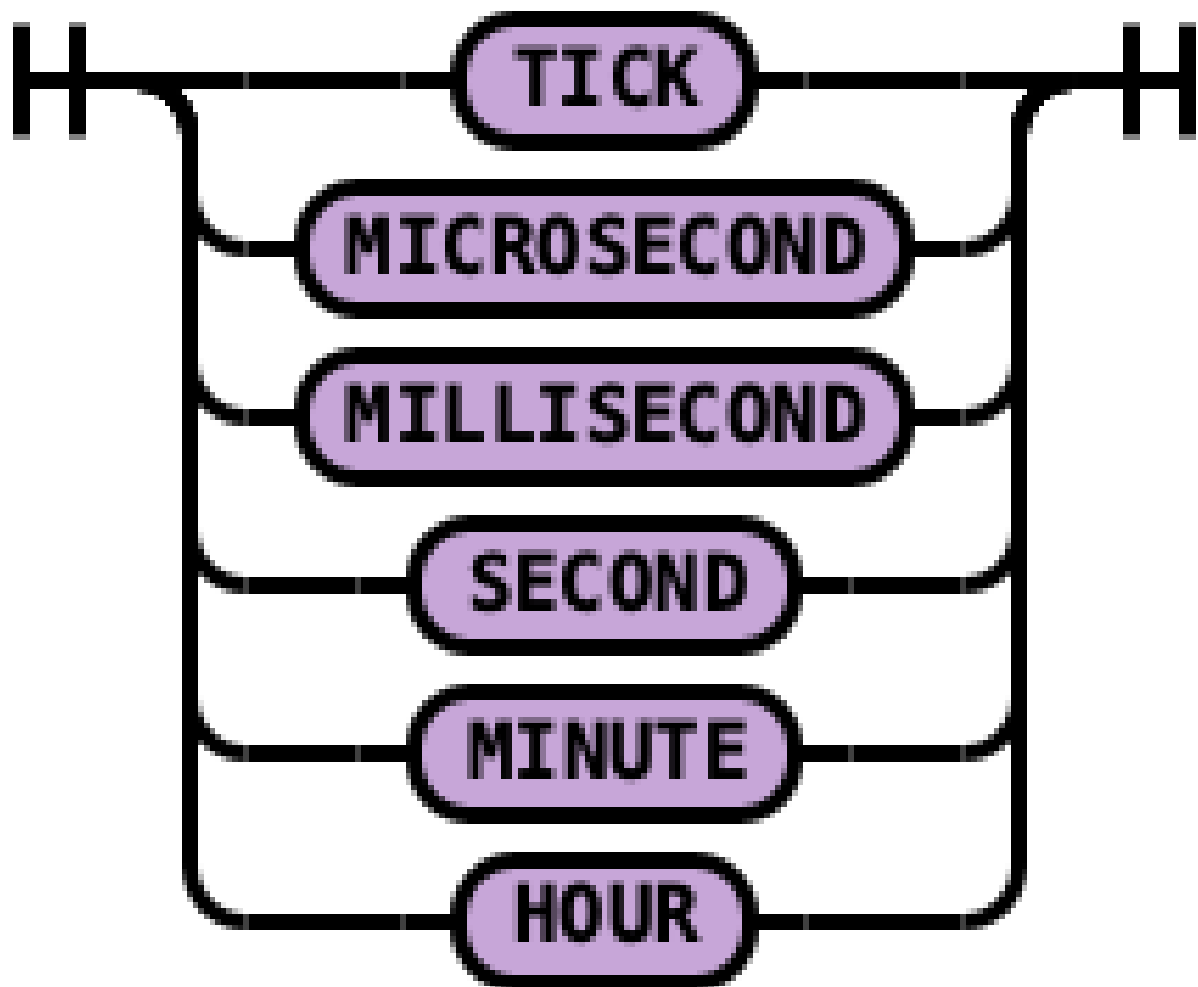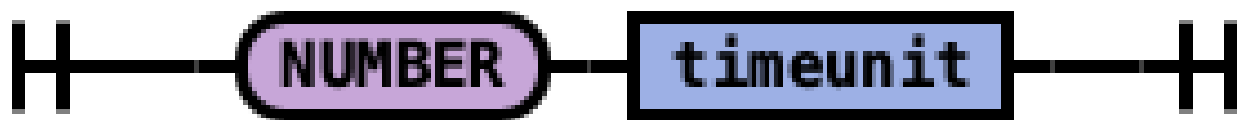

timing_aux :

duration_upper :
duration_lower :

component_name :

mode_name :

duration :
timeunit :

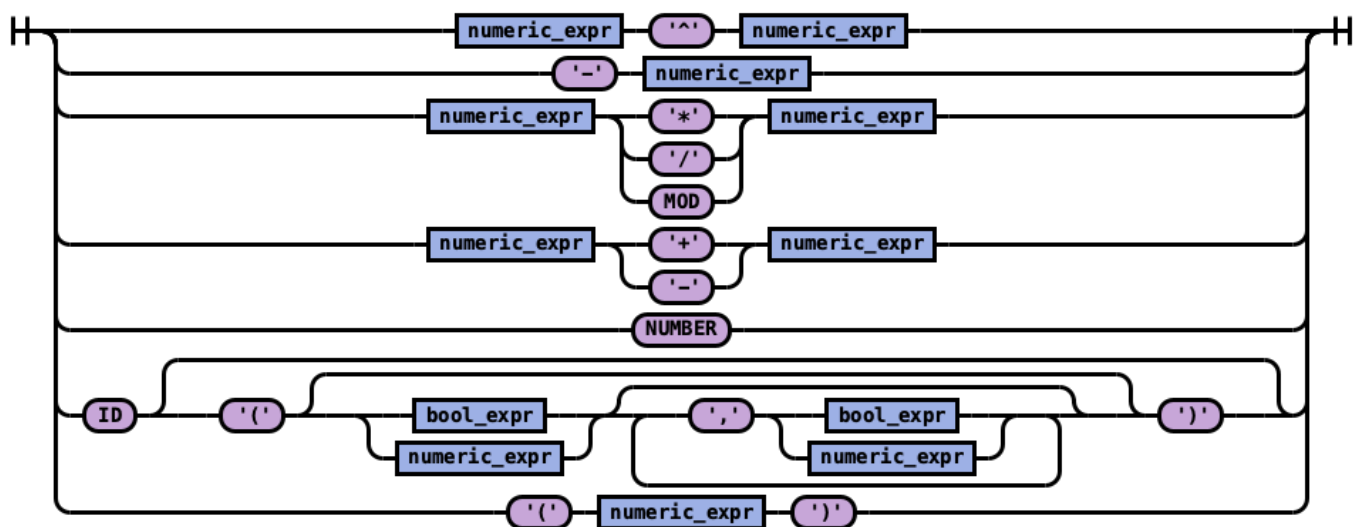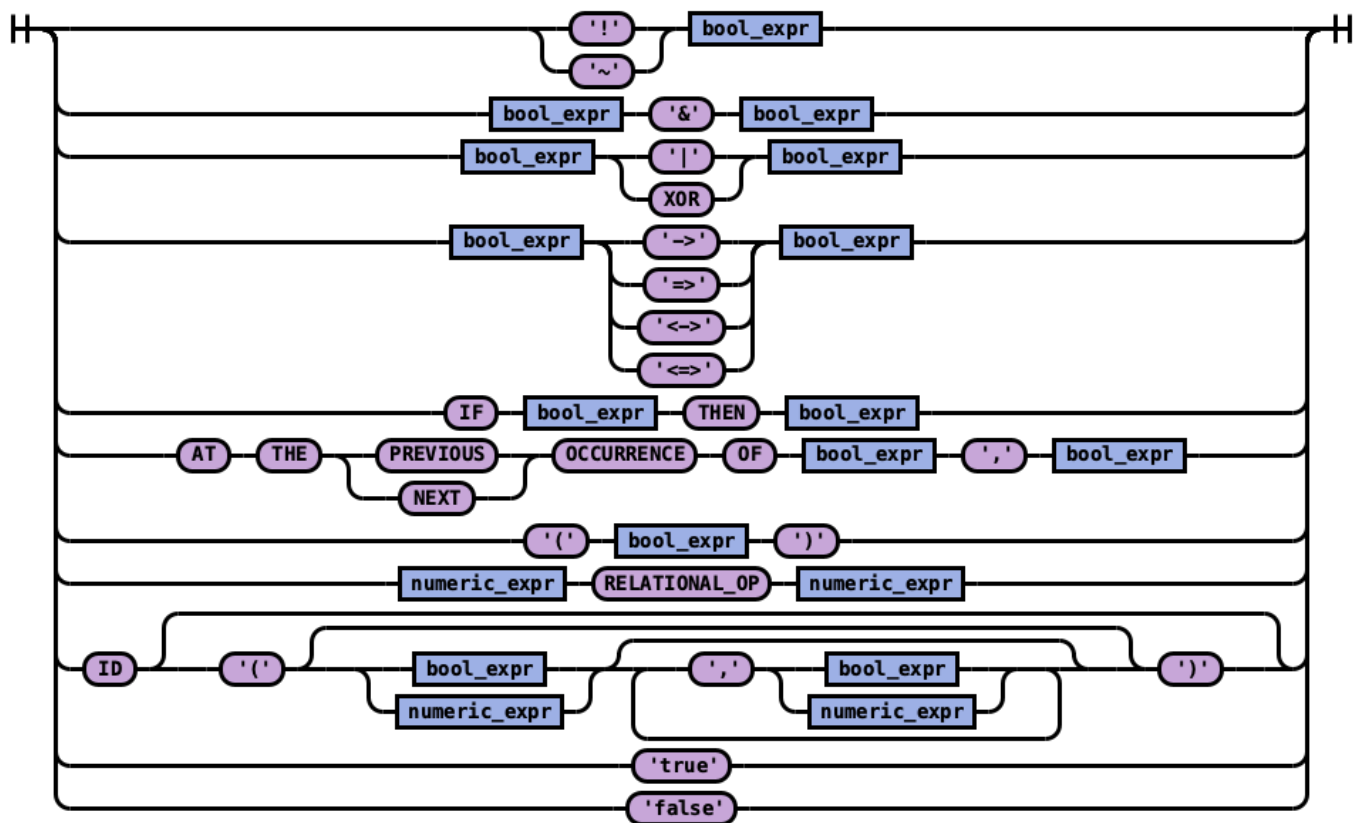post_condition :

bool_expr :
numeric_expr :

bool_expr:

- `'!'` / `'~'` bool_expr
- bool_expr `'&'` bool_expr
- bool_expr `'|'` / XOR bool_expr
- bool_expr `'->'` / `'=>'` / `'<->'` / `'<=>'` bool_expr
- IF bool_expr THEN bool_expr
- AT THE PREVIOUS / NEXT OCCURRENCE OF bool_expr `','` bool_expr
- `'('` bool_expr `')'`
- numeric_expr RELATIONAL_OP numeric_expr
- ID `'('` bool_expr / numeric_expr `','` bool_expr / numeric_expr `')'`
- `'true'`
- `'false'`

numeric_expr:

- numeric_expr `'^'` numeric_expr
- `'-'` numeric_expr
- numeric_expr `'*'` / `'/'` / MOD numeric_expr
- numeric_expr `'+'` / `'-'` numeric_expr
- NUMBER
- ID `'('` bool_expr / numeric_expr `','` bool_expr / numeric_expr `')'`
- `'('` numeric_expr `')'`

AFTER :

A F T E R

ALWAYS :

AND :

⊢——— A L W A Y S ———⊣

⊢——— A N D ———⊣

AT :

⊢——— A T ———⊣

BEFORE :

⊢——— B E F O R E ———⊣

DURING :

⊢——— D U R I N G ———⊣

EVENTUALLY :

⊢——— E V E N T U A L L Y ———⊣

EXCEPT :
FALSE :

EXCEPT

FALSE

FINALLY :

FINALLY

FIRST :

FIRST

FOR :

FOR

HOUR :

HOURS

IF :
IMMEDIATELY :

IMMEDIATELY
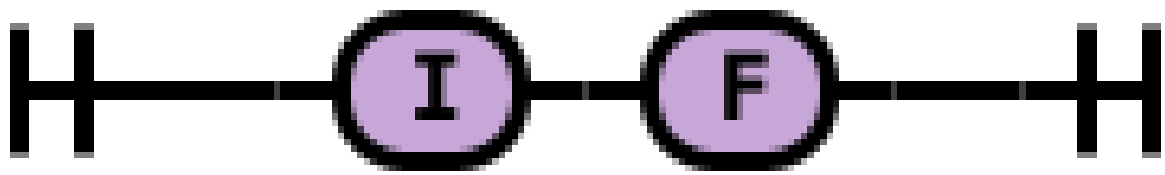
IN :
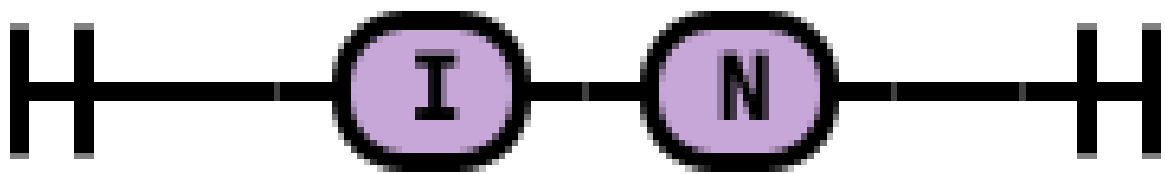
INITIALLY :

IS :
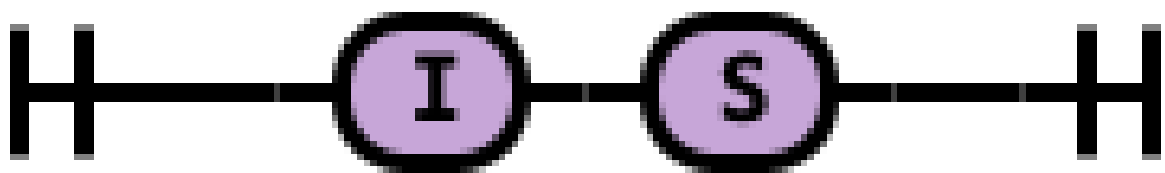
LAST :
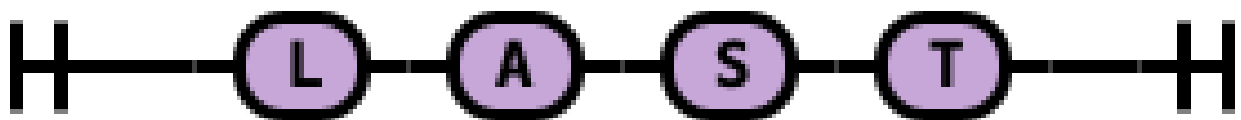
MICROSECOND :
MILLISECOND :

MICROSECONDS

MILLISECONDS

MINUTE :

MINUTES

MOD :

MOD

MODE :

MODE

NEVER :

NEVER

NEXT :

NEXT

NOT :

N O T

OCCURRENCE :

O C C U R R E N C E

OF :

O F

ONLY :

O N L Y

OR :

O R

PREVIOUS :
SAME :

PREVIOUS

SAME

SATISFY :
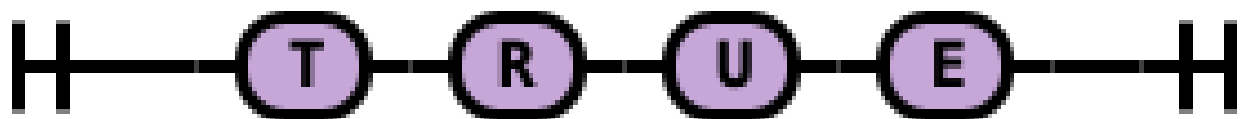
SATISFY
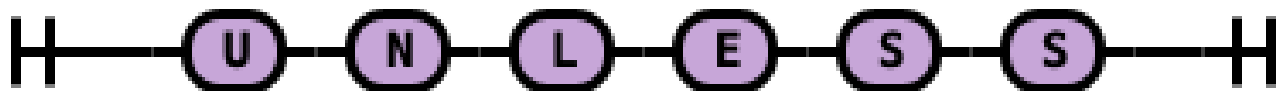
SECOND :

SECOND S

SHALL :
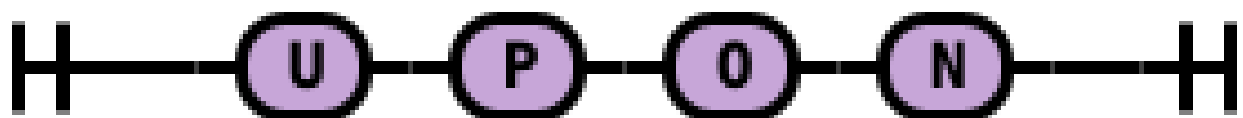
SHALL

THE :

THE
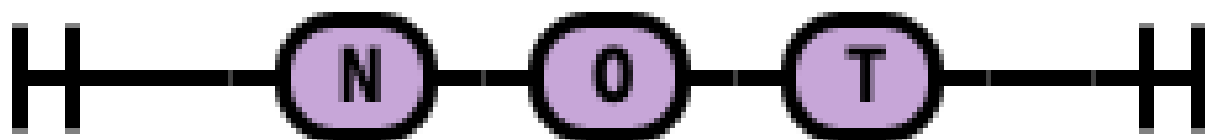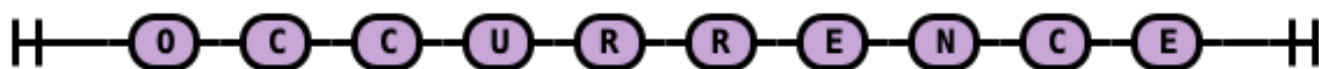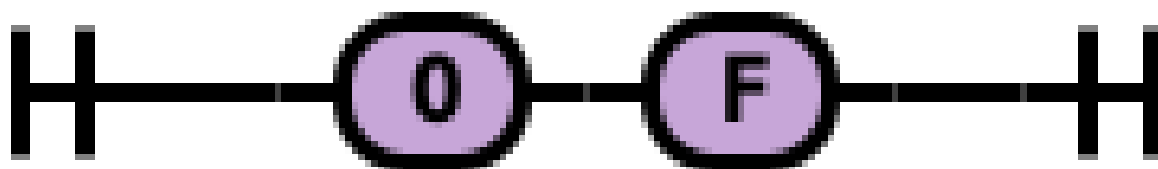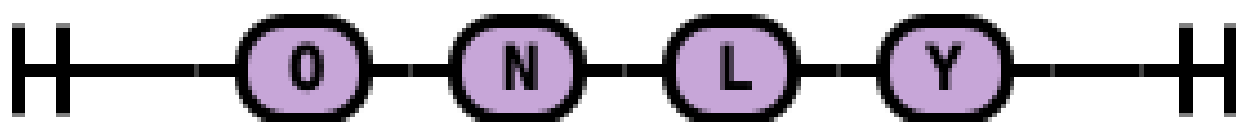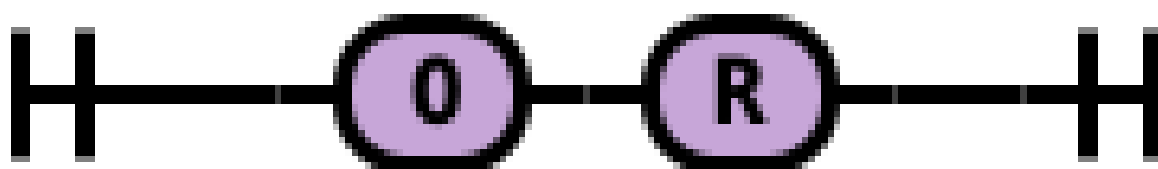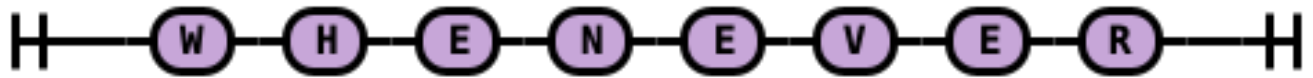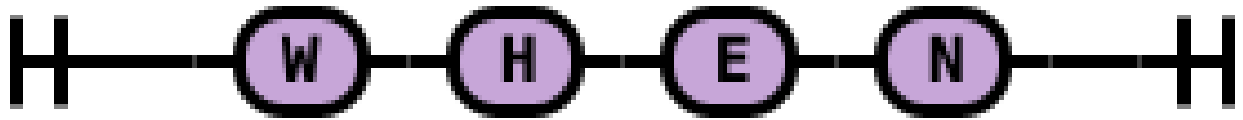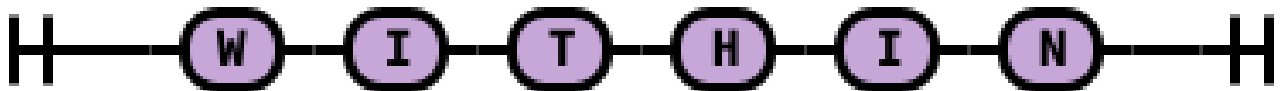
THEN :

THEN
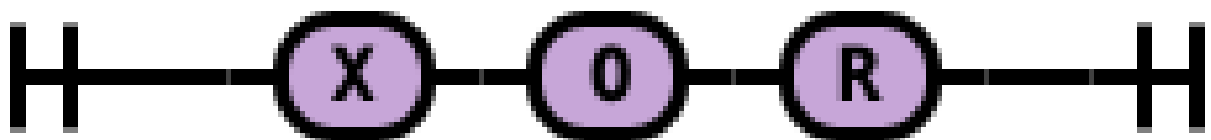
TICK :

TIMEPOINT :

TRUE :

UNLESS :

UNTIL :

UPON :

WHEN :
WHENEVER :

WHERE :

WHILE :

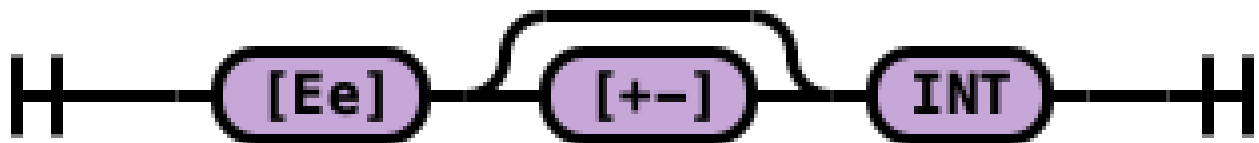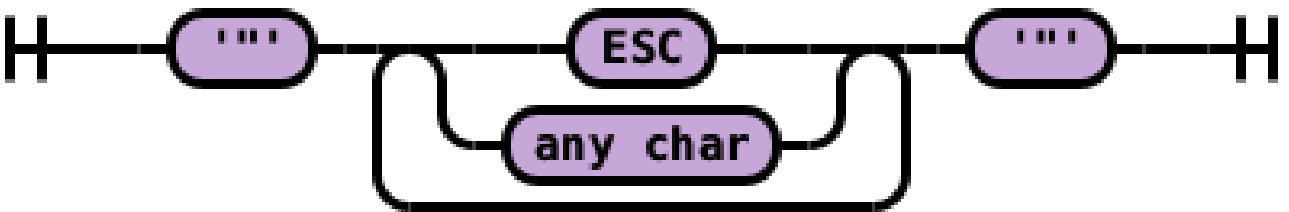WITHIN :

XOR :

ID :
STRING :

```
'a' .. 'z'
'A' .. 'Z'

'a' .. 'z'
'A' .. 'Z'
'0' .. '9'
'_'
'.'
'%'

STRING
```

```
'"'    ESC
       any char    '"'
```

RELATIONAL_OP :

NUMBER :

```
'-'  INT  '.'  [0-9]  EXP

'-'  INT  EXP

'-'  INT
```

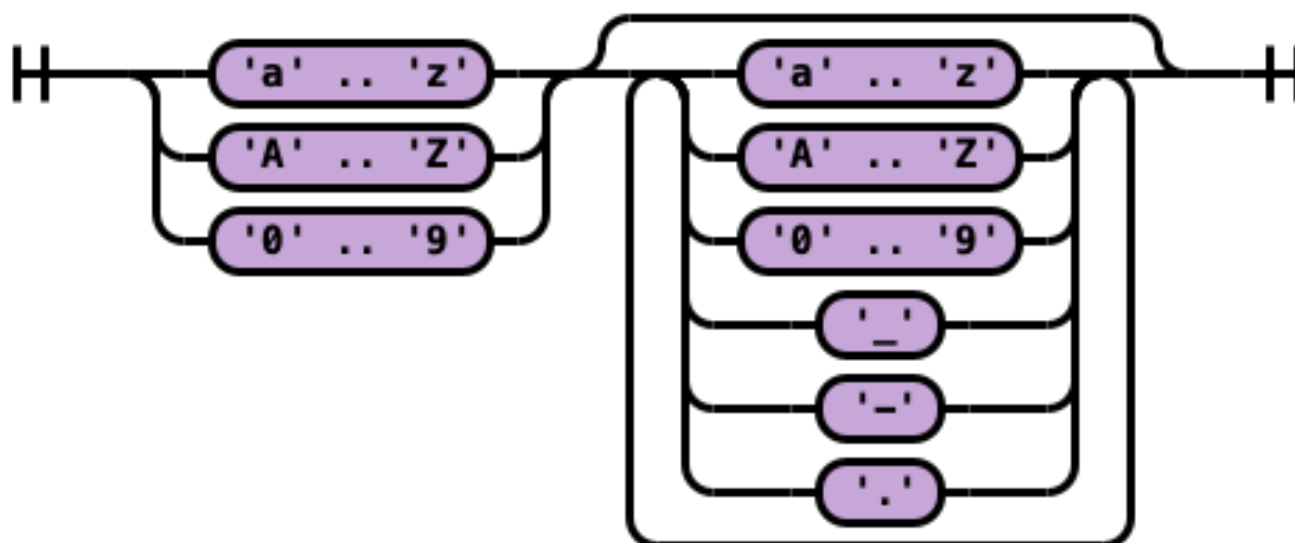EXP :

```
[Ee]  [+-]  INT
```
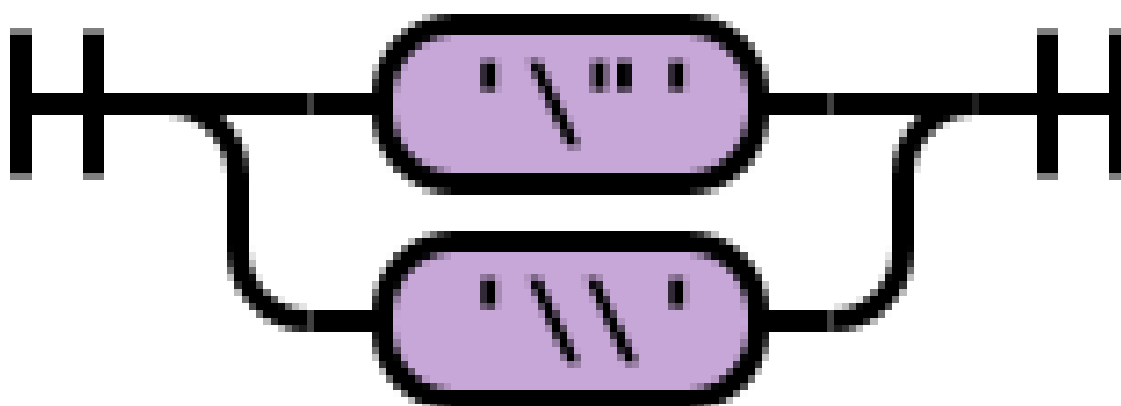
INT :

'<'
'<='
'>'
'>='
'='
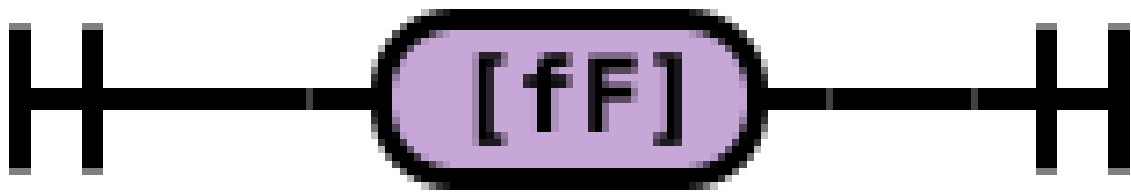'!='

'0'
[1-9] [0-9]
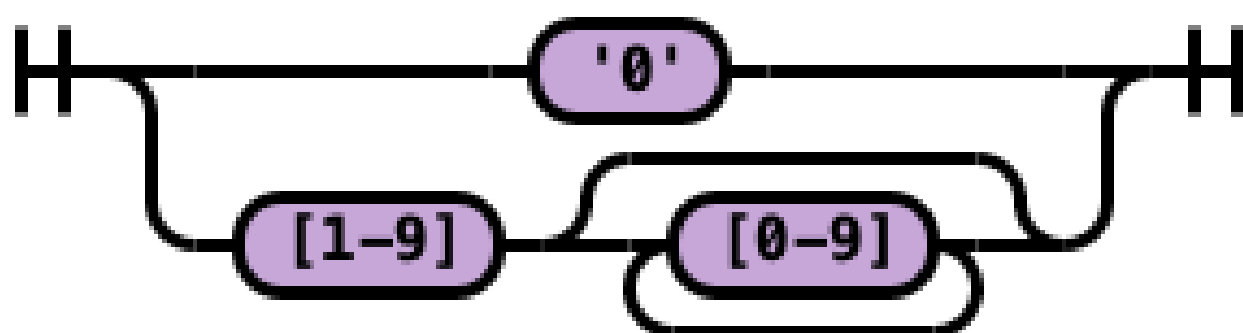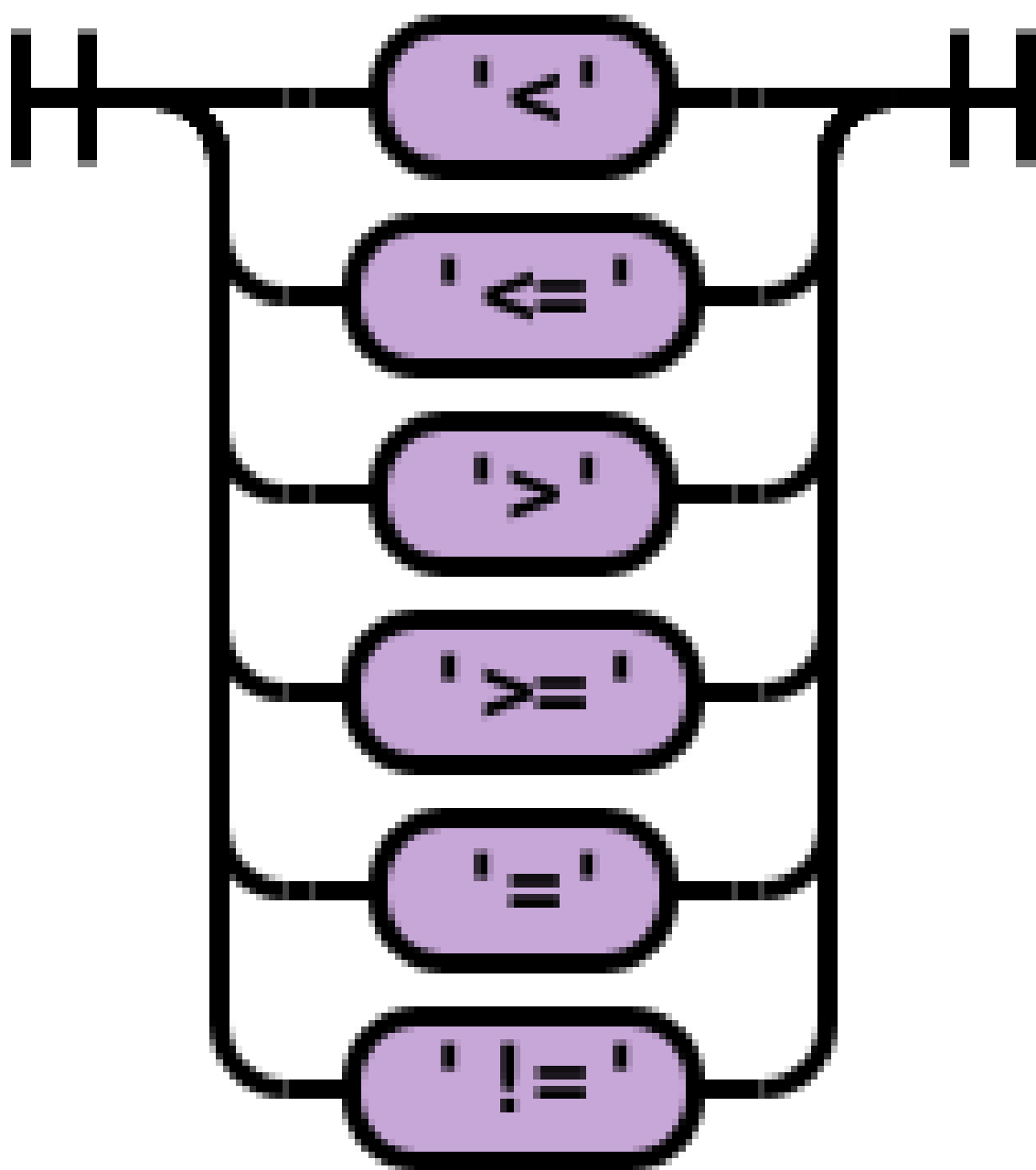
DIGITS :

REQT_ID :

WS :
ESC :

A :

B :

C :

D :
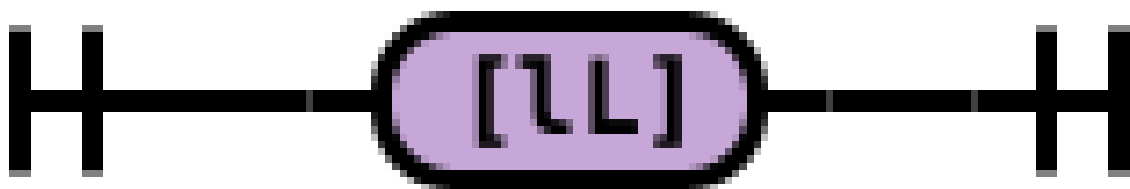

E :

F :

G:

[gG]

H:

[hH]

I:

[iI]

J:
K:

[jJ]

[kK]

L :

[ʅL]

M :

[mM]

N :

[nN]

O :

[oO]

P :

[pP]

Q :

[qQ]

R :

[rR]

S :

[sS]

T :

[tT]

U :
V :

W :

X :

Y :

z :