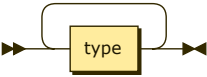


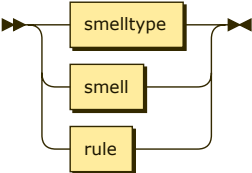
domainmodel:



domainmodel ::= type+

no references

type:



type ::= smelltype
 | smell
 | rule

referenced by:

- [domainmodel](#)

smelltype:

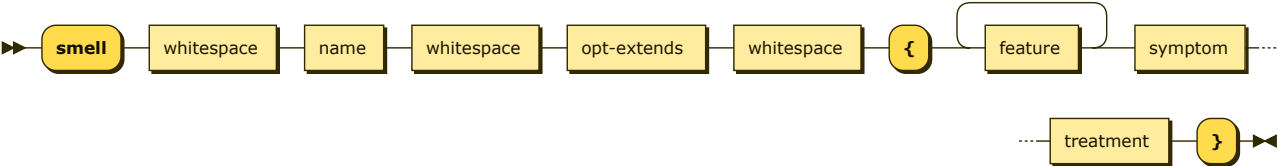


smelltype ::= 'smelltype' whitespace name ';'

referenced by:

- [opt-extends](#)
- [type](#)

smell:

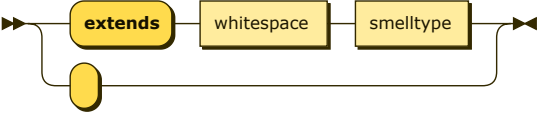


smell ::= 'smell' whitespace name whitespace opt-extends whitespace '{' feature+ symptom treatment '}'

referenced by:

- [expression](#)
- [type](#)

opt-extends:

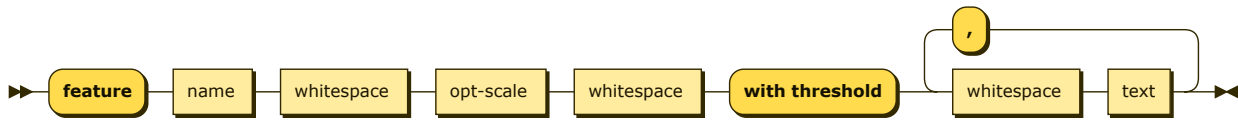


opt-extends ::= 'extends' whitespace smelltype
 | ''

referenced by:

- [smell](#)

feature:

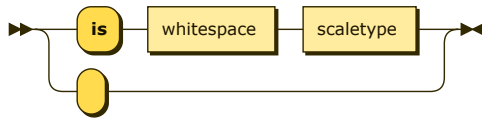


feature ::= 'feature' name whitespace opt-scale whitespace 'with threshold' whitespace text (',' whitespace text)*

referenced by:

- [expression](#)
- [smell](#)

opt-scale:

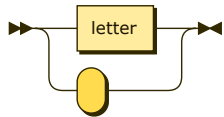


opt-scale
::= 'is' whitespace scaletype
| ''

referenced by:

- [feature](#)

symptom:

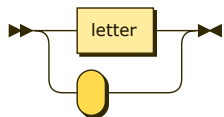


symptom ::= letter
| ''

referenced by:

- [smell](#)

treatment:

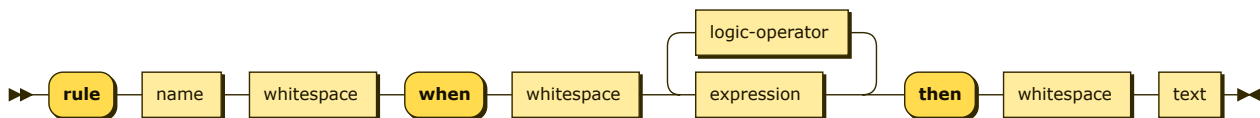


treatment
::= letter
| ''

referenced by:

- [smell](#)

rule:

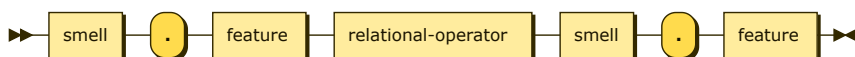


rule ::= 'rule' name whitespace 'when' whitespace expression (logic-operator expression)* 'then' whitespace text

referenced by:

- [type](#)

expression:

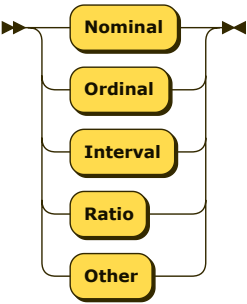


expression
::= smell '.' feature relational-operator smell '.' feature

referenced by:

- [rule](#)

scaletype:

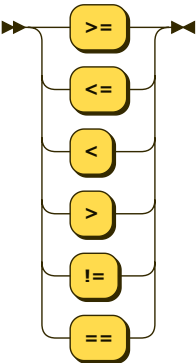


```
scaletype
  ::= 'Nominal'
    | 'Ordinal'
    | 'Interval'
    | 'Ratio'
    | 'Other'
```

referenced by:

- [opt-scale](#)

relational-operator:

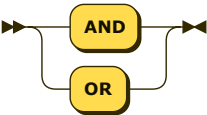


```
relational-operator
  ::= '>='
    | '<='
    | '<'
    | '>'
    | '!='
    | '=='
```

referenced by:

- [expression](#)

logic-operator:

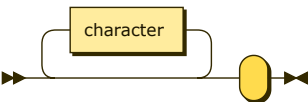


```
logic-operator
  ::= 'AND'
    | 'OR'
```

referenced by:

- [rule](#)

text:

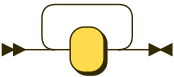


```
text      ::= character* ''
```

referenced by:

- [feature](#)
- [rule](#)

whitespace:

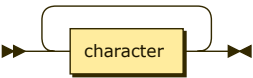


```
whitespace
  ::= ' '+
```

referenced by:

- [feature](#)
- [opt-extends](#)
- [opt-scale](#)
- [rule](#)
- [smell](#)
- [smelltype](#)

name:

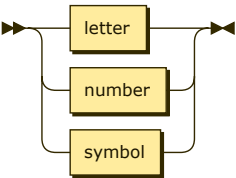


```
name
  ::= character+
```

referenced by:

- [feature](#)
- [rule](#)
- [smell](#)
- [smelltype](#)

character:

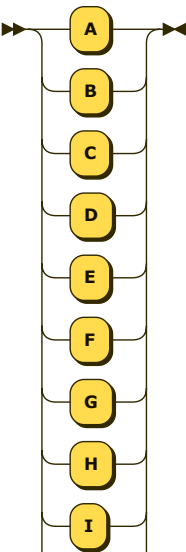


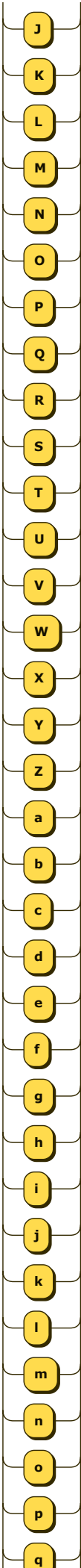
```
character
  ::= letter
     | number
     | symbol
```

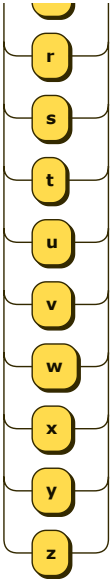
referenced by:

- [name](#)
- [text](#)

letter:





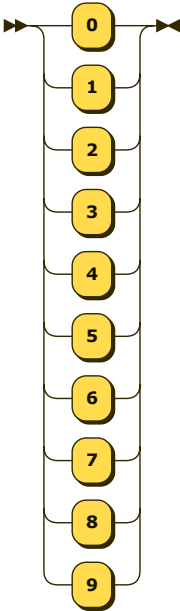


```
letter ::= 'A'  
        'B'  
        'C'  
        'D'  
        'E'  
        'F'  
        'G'  
        'H'  
        'I'  
        'J'  
        'K'  
        'L'  
        'M'  
        'N'  
        'O'  
        'P'  
        'Q'  
        'R'  
        'S'  
        'T'  
        'U'  
        'V'  
        'W'  
        'X'  
        'Y'  
        'Z'  
        'a'  
        'b'  
        'c'  
        'd'  
        'e'  
        'f'  
        'g'  
        'h'  
        'i'  
        'j'  
        'k'  
        'l'  
        'm'  
        'n'  
        'o'  
        'p'  
        'q'  
        'r'  
        's'  
        't'  
        'u'  
        'v'  
        'w'  
        'x'  
        'y'  
        'z'
```

referenced by:

- [character](#)
- [symptom](#)
- [treatment](#)

number:

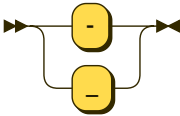


```
number ::= '0'
        | '1'
        | '2'
        | '3'
        | '4'
        | '5'
        | '6'
        | '7'
        | '8'
        | '9'
```

referenced by:

- [character](#)

symbol:



```
symbol ::= '-'
        | '_'
```

referenced by:

- [character](#)