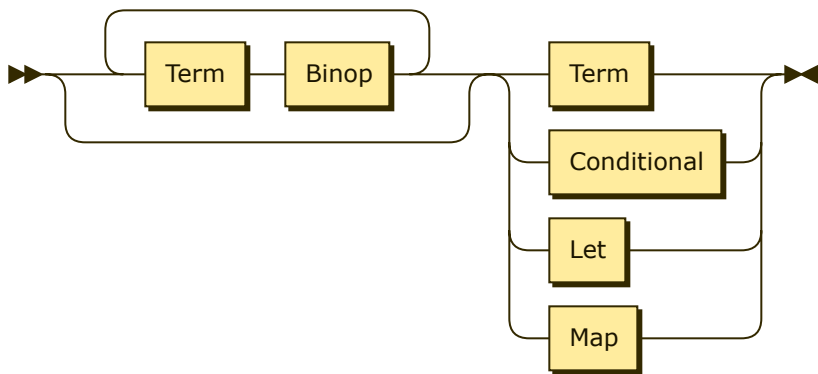


Exp:

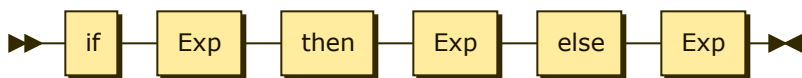


`Exp ::= (Term Binop)* (Term | Conditional | Let | Map)`

referenced by:

- [Conditional](#)
- [Def](#)
- [ExpList](#)
- [Factor](#)
- [Let](#)
- [Map](#)

Conditional:

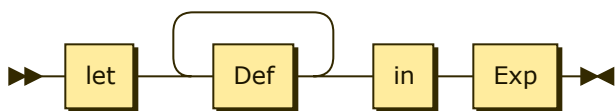


`Conditional ::= if Exp then Exp else Exp`

referenced by:

- [Exp](#)

Let:

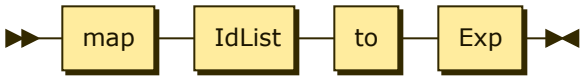


`Let ::= let Def+ in Exp`

referenced by:

- [Exp](#)

Map:

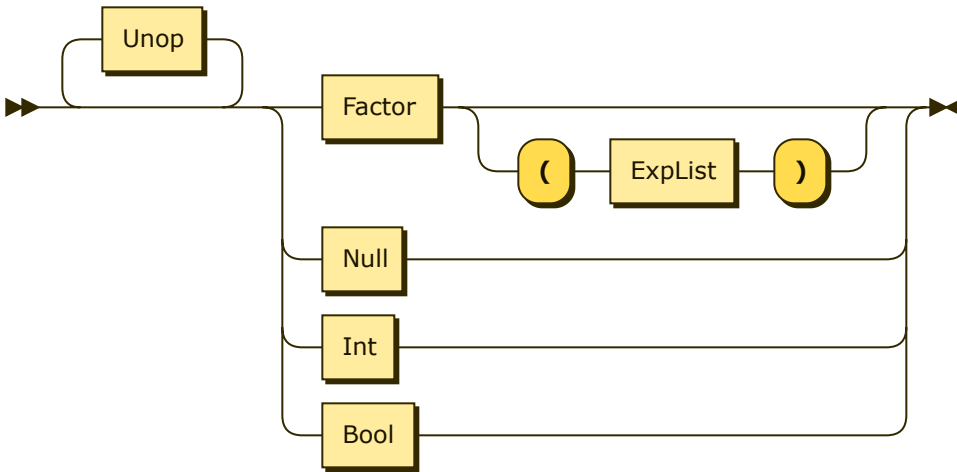


Map ::= map IdList to Exp

referenced by:

- Exp

Term:

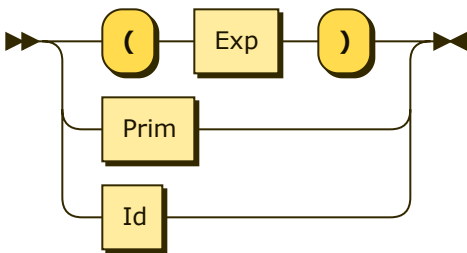


Term ::= Unop* (Factor ('(' ExpList ')')? | Null | Int | Bool)

referenced by:

- Exp

Factor:

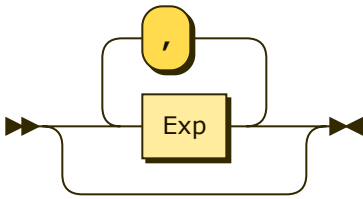


Factor ::= '(' Exp ')'
 | Prim
 | Id

referenced by:

- Term

ExpList:

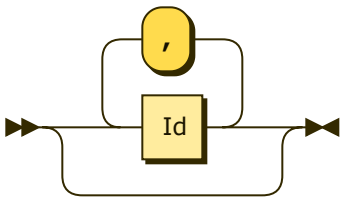


ExpList ::= (Exp (',' Exp)^{*})?

referenced by:

- Term

IdList:



IdList ::= (Id (',' Id)^{*})?

referenced by:

- Map

Def:



Def ::= Id '=' Exp ';'

referenced by:

- Let

Null:

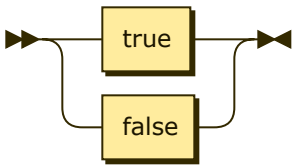


Null ::= null

referenced by:

- Term

Bool:

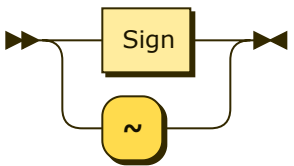


```
Bool ::= true  
      | false
```

referenced by:

- Term

Unop:

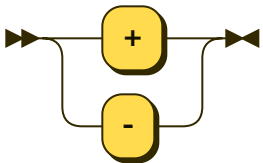


```
Unop ::= Sign  
      | '~'
```

referenced by:

- Term

Sign:

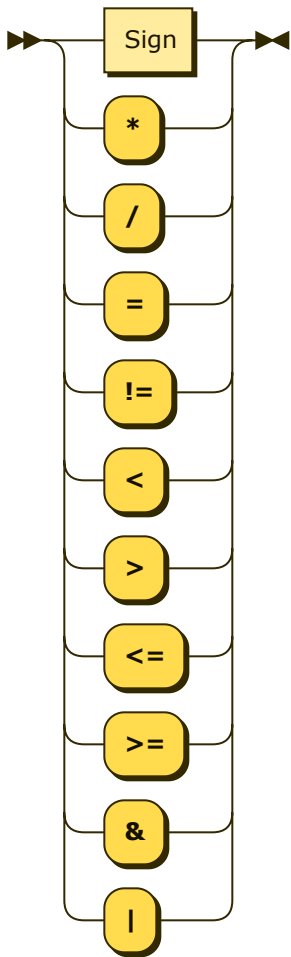


```
Sign ::= '+'  
      | '-'
```

referenced by:

- Binop
- Unop

Binop:



```

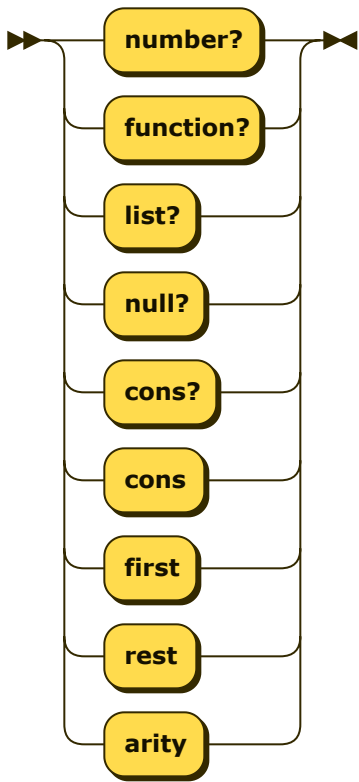
Binop ::= Sign
        '*'
        '/'
        '='
        '!='
        '<'
        '>'
        '<='
        '>='
        '&'
        '|'

```

referenced by:

- Exp

Prim:



```
Prim ::= 'number?'  
      | 'function?'  
      | 'list?'  
      | 'null?'  
      | 'cons?'  
      | 'cons'  
      | 'first'  
      | 'rest'  
      | 'arity'
```

referenced by:

- [Factor](#)