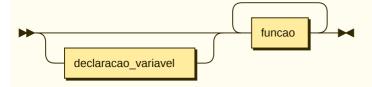
programa:



programa ::= declaracao+

no references

declaracao:



declaracao

::= declaracao_variavel? funcao+

referenced by:

programa

declaracao_variavel:



declaracao_variavel
 ::= variavel+

referenced by:

- declaracao
- declaracao composta

variavel:

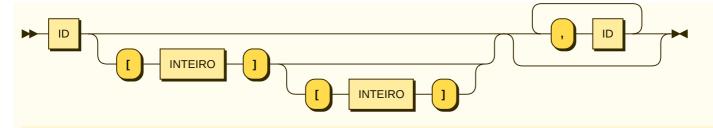


variavel ::= tipo DOISPONTOS var

referenced by:

• declaracao_variavel

var:



```
var ::= ID ( '[' INTEIRO ']' ( '[' INTEIRO ']' )? )? ( ',' ID )*
```

- declaracao_atribuicao
- variavel

tipo:

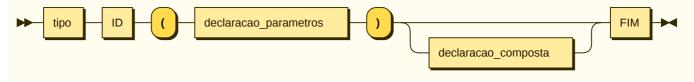


```
tipo ::= INTEIRO
| FLUTUANTE
```

referenced by:

- funcao
- parametro
- variavel

funcao:

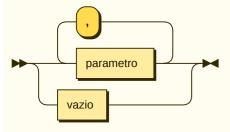


funcao ::= tipo ID '(' declaracao_parametros ')' declaracao_composta? FIM

referenced by:

• <u>declaracao</u>

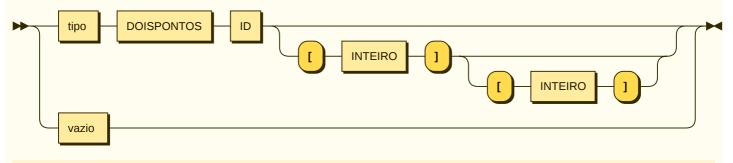
declaracao_parametros:



referenced by:

funcao

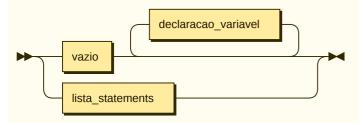
parametro:



referenced by:

• declaracao parametros

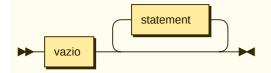
declaracao_composta:



referenced by:

- funcao
- statement

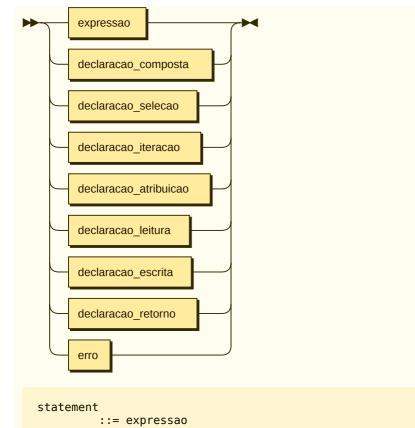
lista_statements:



referenced by:

- declaracao_composta
- declaracao_iteracao
- declaracao selecao

statement:



| declaracao_composta | declaracao_selecao | declaracao_iteracao | declaracao_atribuicao

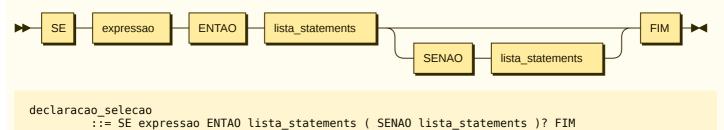
declaracao_leitura declaracao_escrita declaracao_retorno

erro

referenced by:

• lista_statements

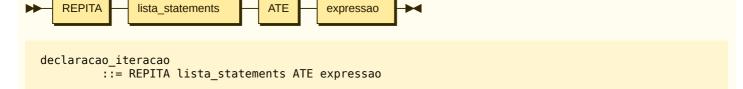
declaracao_selecao:



referenced by:

• statement

declaracao_iteracao:



referenced by:

statement

declaracao_atribuicao:



referenced by:

• statement

declaracao_leitura:

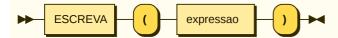


```
declaracao_leitura
    ::= LEIA '(' ID ')'
```

referenced by:

• statement

declaracao_escrita:



```
declaracao_escrita
    ::= ESCREVA '(' expressao ')'
```

referenced by:

• statement

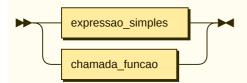
declaracao_retorno:



referenced by:

• statement

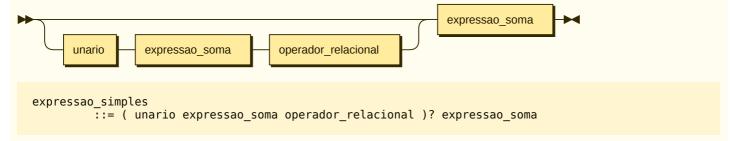
expressao:



```
expressao
::= expressao_simples
| chamada_funcao
```

- chamadafuncao
- <u>declaracao_atribuicao</u>
- declaracao escrita
- declaracao_iteracao
- declaracao_retorno
- declaracao selecao
- fator
- statement
- unario

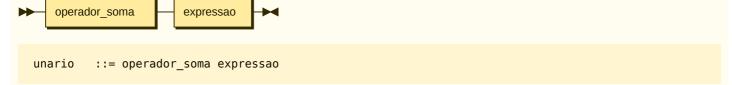
expressao_simples:



referenced by:

• expressao

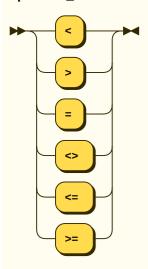
unario:



referenced by:

• expressao_simples

operador_relacional:



```
| '<>'
| '<='
| '>='
```

expressao_simples

expressao_soma:

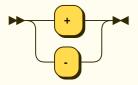


```
expressao_soma
     ::= termo ( operador_soma termo )*
```

referenced by:

• expressao_simples

operador_soma:



```
operador_soma
::= '+'
| '-'
```

referenced by:

- expressao_soma
- unario

termo:

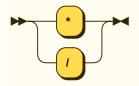


```
\verb"termo" ::= fator ( operador_multiplicacao fator )*
```

referenced by:

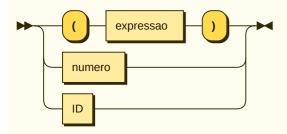
• expressao_soma

operador_multiplicacao:



• termo

fator:



```
fator ::= '(' expressao ')'
| numero
| ID
```

referenced by:

• termo

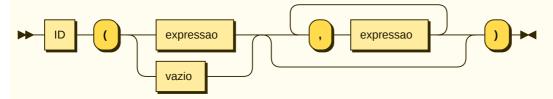
numero:



referenced by:

fator

chamadafuncao:



```
chamadafuncao
    ::= ID '(' ( expressao | vazio ) ( ',' expressao )* ')'
```

no references

