

Quick - reguli sintactice

```
program ::= ( defVar | defFunc | block ) * FINISH
defVar ::= VAR ID COLON baseType SEMICOLON
baseType ::= TYPE_INT | TYPE_REAL | TYPE_STR
defFunc ::= FUNCTION ID LPAR funcParams? RPAR COLON baseType defVar* block END
block ::= instr+
funcParams ::= funcParam ( COMMA funcParam ) *
funcParam ::= ID COLON baseType
instr ::= expr? SEMICOLON
           | IF LPAR expr RPAR block ( ELSE block )? END
           | RETURN expr SEMICOLON
           | WHILE LPAR expr RPAR block END
expr ::= exprLogic
exprLogic ::= exprAssign ( ( AND | OR ) exprAssign ) *
exprAssign ::= ( ID ASSIGN )? exprComp
exprComp ::= exprAdd ( ( LESS | EQUAL ) exprAdd )?
exprAdd ::= exprMul ( ( ADD | SUB ) exprMul ) *
exprMul ::= exprPrefix ( ( MUL | DIV ) exprPrefix ) *
exprPrefix ::= ( SUB | NOT )? factor
factor ::= INT
           | REAL
           | STR
           | LPAR expr RPAR
           | ID ( LPAR ( expr ( COMMA expr ) * )? RPAR )?
```