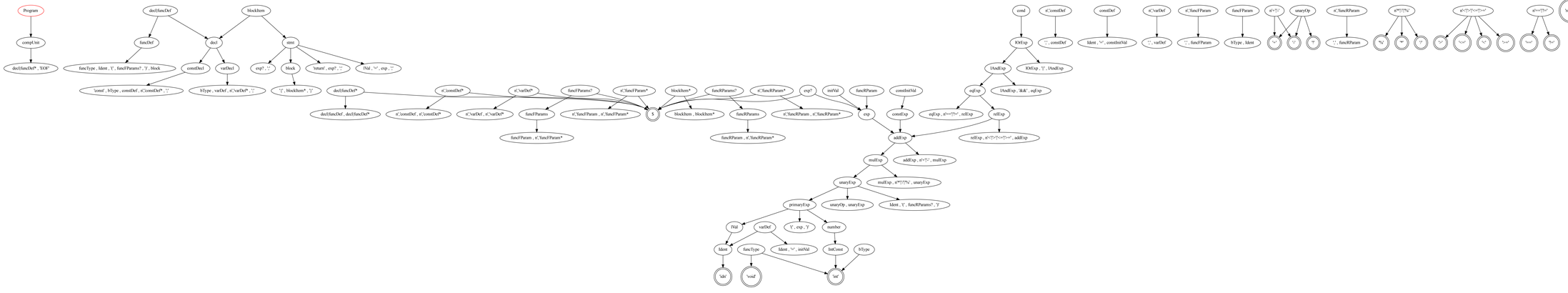
Program
compUnit
decl|funcDef* , 'EOF'
decl|funcDef
blockItem
funcDef
decl
stmt
funcType , Ident , '(' , funcFParams? , ')' , block
constDecl
varDecl
exp? , ';'
block
'return' , exp? , ';'
lVal , '=' , exp , ';'
'const' , bType , constDef , #'constDef*' , ';'
bType , varDef , #'varDef*' , ';'
'{' , blockItem* , '}'
decl|funcDef*
decl|funcDef , decl|funcDef*
#'constDef*'
#'constDef' , #'constDef*'
#'varDef*'
#'varDef' , #'varDef*'
funcFParams?
funcFParams
funcFParam , #'funcFParam*'
#'funcFParam*'
#'funcFParam' , #'funcFParam*'
$
blockItem*
blockItem , blockItem*
funcRParams?
funcRParams
funcRParam , #'funcRParam*'
#'funcRParam*'
#'funcRParam' , #'funcRParam*'
exp?
initVal
funcRParam
exp
constInitVal
constExp
addExp
mulExp
unaryExp
primaryExp
lVal
varDef
'(' , exp , ')'
number
Ident
funcType
Ident , '=' , initVal
intConst
bType
'int'
'void'
'int'
unaryOp , unaryExp
Ident , '(' , funcRParams? , ')'
mulExp , #'*'/'%' , unaryExp
addExp , #'+'/'-' , mulExp
relExp , #'<'/'>'/'<='/'>=' , addExp
eqExp , #'=='/'!=' , relExp
lAndExp , '&&' , eqExp
lOrExp , '||' , lAndExp
lOrExp
lAndExp
eqExp
relExp
constDecl
#'constDef*'
'const'
bType
constDef
#'constDef'
'=' , constDef
Ident , '=' , constInitVal
varDecl
#'varDef*'
#'varDef'
'=' , varDef
funcFParams
#'funcFParam*'
#'funcFParam'
'=' , funcFParam
funcFParam
bType , Ident
funcRParams
#'funcRParam*'
#'funcRParam'
'=' , funcRParam
#'*'/'/'
'*'
'/'
'%'
#'*'/'/'/'%'
'*'
'/'
'%'
#'+'/'-'
'+'
'-'
#'+'/'-'/'<'/'>'/'<='/'>='
'+'
'-'
'<'
'>'
'<='
'>='
#'=='/'!='
'==''!='
'return'
'('
')'
'const'
'{'
'}'
'EOF'
'['
']'
'&&'
'||'
'!'
'='
';'
','