### Описание грамматики языка задания грамматики

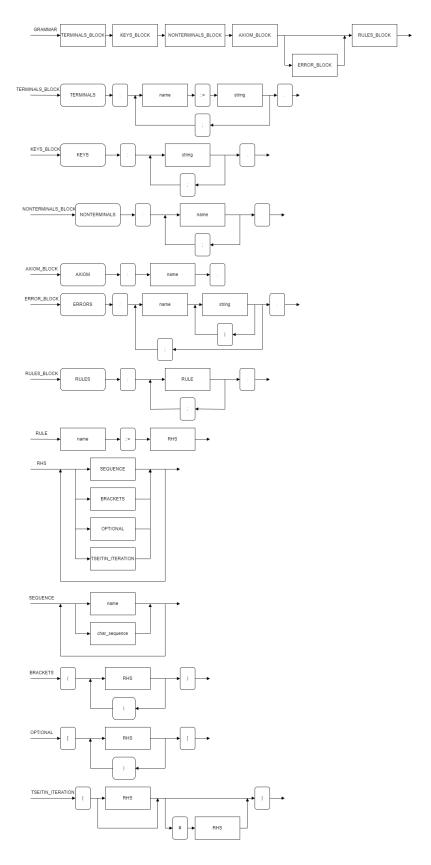
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#### 1 РБНФ

```
TERMINALS:
     name ::= '[\langle w \rangle D][\langle w \rangle^*]';
     char\_sequence ::= `[\W\S^']+';
     string ::= "(\\.|[^\\',]+)*".
KEYS:
     'TERMINALS'; 'KEYS'; 'NONTERMINALS'; 'AXIOM'; 'RULES'; 'ERRORS';
     '.'; '::; '::='; ';'; '('; ')'; '|'; '['; ']'; '{'; '}'; '#'.
NONTERMINALS:
     GRAMMAR;
     TERMINALS_BLOCK;
     KEYS_BLOCK;
     NONTERMINALS BLOCK;
     AXIOM BLOCK;
     ERROR BLOCK;
     RULES_BLOCK;
     RULE;
     RHS;
     SEQUENCE;
     BRACKETS;
     OPTIONAL;
     TSEITIN ITERATION.
AXIOM: GRAMMAR.
ERRORS:
     TERMINALS BLOCK '.';
     KEYS BLOCK '.';
     NONTERMINALS BLOCK '.';
     AXIOM_BLOCK '.';
     ERROR BLOCK '.';
```

```
RULES BLOCK '.';
     RULE ';' | '.';
     RHS ';' | '.';
     SEQUENCE ';' | '.';
     BRACKETS ';' | '.';
     OPTIONAL ';' | '.';
     TSEITIN ITERATION ';' | '.'.
RULES:
     GRAMMAR ::=
         TERMINALS_BLOCK KEYS_BLOCK NONTERMINALS_BLOCK
         AXIOM BLOCK ERROR BLOCK RULES BLOCK;
     TERMINALS BLOCK ::= TERMINALS: {name ::= string #;}.;
     KEYS BLOCK ::= KEYS: \{\text{string } \# ;\}.;
     NONTERMINALS BLOCK ::= NONTERMINALS: {name # ;}.;
     AXIOM BLOCK ::= AXIOM: name.;
     ERROR BLOCK ::= ERRORS: {name {string # |} # ;}.;
     RULES BLOCK ::= RULES: {RULE # ;}.;
     RULE ::= name ::= RHS;
     RHS ::= {(SEQUENCE | BRACKETS | OPTIONAL | TSEITIN ITERATION)};
     SEQUENCE ::= {(name | char sequence)};
     BRACKETS ::= (\{RHS \# | \});
     OPTIONAL ::= [\{RHS \# |\}];
     TSEITIN ITERATION ::= { [RHS] [# RHS] }.
```

# 2 Диаграммы Вирта



## 3 Метамодель

