

EBNF Context-Free Grammar

■ Removed, ■ Optimized out, ■ No effect on syntax, ■ Terminal symbol

```
0 Letter:
    0 [a-zA-Z]
1 Digit:
    1 [0-9]
2 ConcatenateSymbol:
    2 ,
3 DefiningSymbol:
    3 =
4 DefinitionSeparatorSymbol:
    4 |
    5 /
    6 !
5 EndCommentSymbol:
    7 *)
6 EndGroupSymbol:
    8 )
7 EndOptionSymbol:
    9 ]
    10 /)
8 EndRepeatSymbol:
    11 }
    12 :)
9 ExceptSymbol:
    13 -
10 FirstQuoteSymbol:
    14 '
11 RepetitionSymbol:
    15 *
12 SecondQuoteSymbol:
    16 "
13 SpecialSequenceSymbol:
    17 ?
14 StartCommentSymbol:
    18 (*
15 StartGroupSymbol:
    19 (
16 StartOptionSymbol:
    20 (/
17 StartRepeatSymbol:
    21 (:
```

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18 TerminatorSymbol:
    22 ;
    23 .
19 OtherCharacter:
    24 [ :+_@&#$<>\^`~]
20 Whitespace:
    25 \s+
21 TerminalCharacter:
    26 Letter
    27 Digit
    28 ConcatenateSymbol
    29 DefiningSymbol
    30 DefinitionSeparatorSymbol
    31 EndCommentSymbol
    32 EndGroupSymbol
    33 EndOptionSymbol
    34 EndRepeatSymbol
    35 ExceptSymbol
    36 FirstQuoteSymbol
    37 RepetitionSymbol
    38 SecondQuoteSymbol
    39 SpecialSequenceSymbol
    40 StartCommentSymbol
    41 StartGroupSymbol
    42 StartOptionSymbol
    43 StartRepeatSymbol
    44 TerminatorSymbol
    45 OtherCharacter
22 GapFreeSymbol:
    46 TerminalCharacter - (FirstQuoteSymbol | SecondQuoteSymbol)
    47 TerminalString
23 TerminalString:
    48 FirstQuoteSymbol FirstTerminalString FirstQuoteSymbol
    49 SecondQuoteSymbol SecondTerminalString SecondQuoteSymbol
24 FirstTerminalString:
    50 FirstTerminalString FirstTerminalCharacter
    51 FirstTerminalCharacter
25 FirstTerminalCharacter:
    52 TerminalCharacter - FirstQuoteSymbol
26 SecondTerminalString:
    53 SecondTerminalString SecondTerminalCharacter
    54 SecondTerminalCharacter

```

27 *SecondTerminalCharacter:*
 55 *TerminalCharacter - SecondQuoteSymbol*
 28 *GapSeparator:*
 56 *Whitespace*
 29 *Syntax:*
 57 *{GapSeparator} GapFreeSymbol {GapSeparator} {GapFreeSymbol {GapSeparator}}*
 30 *CommentLessSymbol:*
 58 *TerminalCharacter - (Letter | Digit | FirstQuoteSymbol | SecondQuoteSymbol*
 | StartCommentSymbol | EndCommentSymbol | SpecialSequenceSymbol
 | OtherCharacter)
 59 *MetaIdentifier*
 60 *Integer*
 61 *TerminalString*
 62 *SpecialSequence*
 31 *Integer:*
 63 *Integer Digit*
 64 *Digit*
 32 *MetaIdentifier:*
 65 *MetaIdentifier MetaIdentifierCharacter*
 66 *MetaIdentifierCharacter*
 33 *MetaIdentifierCharacter:*
 67 *Letter*
 68 *Digit*
 34 *SpecialSequence:*
 69 *SpecialSequenceSymbol SpecialSequenceBody SpecialSequenceSymbol*
 70 *SpecialSequenceSymbol SpecialSequenceSymbol*
 35 *SpecialSequenceBody:*
 71 *SpecialSequenceBody SpecialSequenceCharacter*
 72 *SpecialSequenceCharacter*
 36 *SpecialSequenceCharacter:*
 73 *TerminalCharacter - SpecialSequenceSymbol*
 37 *CommentSymbol:*
 74 *BracketedTextualComment*
 75 *OtherCharacter*
 76 *CommentLessSymbol*
 38 *BracketedTextualComment:*
 77 *StartCommentSymbol CommentBody EndCommentSymbol*
 39 *CommentBody*
 78 *CommentBody CommentSymbol*
 79 *CommentSymbol*
 40 *Syntax:*
 80 *{BracketedTextualComment} CommentLessSymbol {BracketedTextualComment}*
 {CommentLessSymbol {BracketedTextualComment}}

41 *Syntax:*
 81 *Syntax SyntaxRule*
 82 *SyntaxRule*

42 *SyntaxRule:*
 83 *MetaIdentifier DefiningSymbol DefinitonsList TerminatorSymbol*

43 *DefinitionsList:*
 84 *DefinitionsList DefinitionSeparatorSymbol SingleDefinition*
 85 *SingleDefinition*

44 *SingleDefiniton:*
 86 *SingleDefinition ContatenationSymbol SyntacticTerm*
 87 *SyntacticTerm*

45 *SyntacticTerm:*
 88 *SyntacticFactor ExceptSymbol SyntacticException*
 89 *SyntacticFactor*

46 *SyntacticException:*
 90 *? a SyntacticFactor that could be replaced by a SyntacticFactor
 containing no MetaIdentifier ?*

47 *SyntacticFactor:*
 91 *Integer RepetetionSymbol SyntacticPrimary*
 92 *SyntacticPrimary*

48 *SyntacticPrimary:*
 93 *OptionalSequence*
 94 *RepeatedSequence*
 95 *GroupedSequence*
 96 *MetaIdentifier*
 97 *TerminalString*
 98 *SpecialSequence*
 99 *EmptySequence*

49 *OptionalSequence:*
 100 *StartOptionalSymbol DefinitionsList EndOptionSymbol*

50 *RepeatedSequence:*
 101 *StartRepeatSymbol DefinitionsList EndRepeatSymbol*

51 *GroupedSequence:*
 102 *StartGroupSymbol DefinitionsList EndGroupSymbol*

52 *EmptySequence:*
 103 ϵ