EBNF Context-Free Grammar

■ Existing production, ■ Removed, optimized out, ■ Removed, no effect on syntax

1. *Letter:*
   1. [a-zA-Z]
2. *Digit:*
   1. [0-9]
3. *ConcatenateSymbol:*
   1. ,
4. *DefiningSymbol:*
   1. =
5. *DefinitionSeparatorSymbol:*
   1. |
   2. /
   3. !
6. *EndCommentSymbol:*
   1. \*)
7. *EndGroupSymbol:*
   1. )
8. *EndOptionSymbol:*
   1. ]
   2. /)
9. *EndRepeatSymbol:*
   1. }
   2. :)
10. *ExceptSymbol:*
    1. -
11. *FirstQuoteSymbol:*
    1. '
12. *RepetitionSymbol:*
    1. *\**
13. *SecondQuoteSymbol:*
    1. "
14. *SpecialSequenceSymbol:*
    1. ?
15. *StartCommentSymbol:*
    1. (\*
16. *StartGroupSymbol:*
    1. (
17. *StartOptionSymbol:*
    1. (/
18. *StartRepeatSymbol:*
    1. (:
19. *TerminatorSymbol:*
    1. ;
    2. .
20. *OtherCharacter:*
    1. [:+\_%@&#$<>\^`~]
21. *Whitespace:*
    1. *\s+*
22. *TerminalCharacter:*
    1. *Letter*
    2. *Digit*
    3. *ConcatenateSymbol*
    4. *DefiningSymbol*
    5. *DefinitionSeparatorSymbol*
    6. *EndCommentSymbol*
    7. *EndGroupSymbol*
    8. *EndOptionSymbol*
    9. *EndRepeatSymbol*
    10. *ExceptSymbol*
    11. *FirstQuoteSymbol*
    12. *RepetitionSymbol*
    13. *SecondQuoteSymbol*
    14. *SpecialSequenceSymbol*
    15. *StartCommentSymbol*
    16. *StartGroupSymbol*
    17. *StartOptionSymbol*
    18. *StartRepeatSymbol*
    19. *TerminatorSymbol*
    20. *OtherCharacter*
23. *GapFreeSymbol:*
    1. *TerminalCharacter* – (*FirstQuoteSymbol* | *SecondQuoteSymbol*)
    2. *TerminalString*
24. *TerminalString:*
    1. *FirstQuoteSymbol FirstTerminalString FirstQuoteSymbol*
    2. *SecondQuoteSymbol SecondTerminalString SecondQuoteSymbol*
25. *FirstTerminalString:*
    1. *FirstTerminalString FirstTerminalCharacter*
    2. *FirstTerminalCharacter*
26. *FirstTerminalCharacter:*
    1. *TerminalCharacter - FirstQuoteSymbol*
27. *SecondTerminalString:*
    1. *SecondTerminalString SecondTerminalCharacter*
    2. *SecondTerminalCharacter*
28. *SecondTerminalCharacter:*
    1. *TerminalCharacter* - *SecondQuoteSymbol*
29. *GapSeparator:*
    1. *Whitespace*
30. *Syntax:*
    1. *{GapSeparator} GapFreeSymbol {GapSeparator} {GapFreeSymbol {GapSeparator}}*
31. *CommentlessSymbol:*
    1. *TerminalCharacter* – (*Letter* | *Digit* | *FirstQuoteSymbol* | *SecondQuoteSymbol*| *StartCommentSymbol* | *EndCommentSymbol* | *SpecialSequenceSymbol*| *OtherCharacter*)
    2. *MetaIdentifier*
    3. *Integer*
    4. *TerminalString*
    5. *SpecialSequence*
32. *Integer:*
    1. *Integer Digit*
    2. *Digit*
33. *MetaIdenfitier:*
    1. *MetaIdentifier MetaIdentifierCharacter*
    2. *MetaIdentifierCharacter*
34. *MetaIdentifierCharacter:*
    1. *Letter*
    2. *Digit*
35. *SpecialSequence:*
    1. *SpecialSequenceSymbol SpecialSequenceBody SpecialSequenceSymbol*
    2. *SpecialSequenceSymbol SpecialSequenceSymbol*
36. *SpecialSequenceBody:*
    1. *SpecialSequenceBody SpecialSequenceCharacter*
    2. *SpecialSequenceCharacter*
37. *SpecialSequenceCharacter:*
    1. *TerminalCharacter - SpecialSequenceSymbol*
38. *CommentSymbol:*
    1. *BracketedTextualComment*
    2. *OtherCharacter*
    3. *CommentlessSymbol*
39. *BracketedTextualComment:*
    1. *StartCommentSymbol CommentBody EndCommentSymbol*
40. *CommentBody*
    1. *CommentBody CommentSymbol*
    2. *CommentSymbol*
41. *Syntax:*
    1. *{BracketedTextualComment} CommentlessSymbol {BracketedTextualComment} {CommentlessSymbol {BracketedTextualComment}}*
42. *Syntax:*
    1. *Syntax SyntaxRule*
    2. *SyntaxRule*
43. *SyntaxRule:*
    1. *MetaIdentifier DefiningSymbol DefinitonsList TerminatorSymbol*
44. *DefinitionsList:*
    1. *DefinitionsList DefinitionSeparatorSymbol SingleDefinition*
    2. *SingleDefinition*
45. *SingleDefiniton:*
    1. *SingleDefinition ContatenationSymbol SyntacticTerm*
    2. *SyntacticTerm*
46. *SyntacticTerm:*
    1. *SyntacticFactor ExceptSymbol SyntacticException*
    2. *SyntacticFactor*
47. *SyntacticException:*
    1. *? a SyntacticFactor that could be replaced by a SyntacticFactor  
        containing no MetaIdentifier ?*
48. *SyntacticFactor:*
    1. *Integer RepetetionSymbol SyntacticPrimary*
    2. *SyntacticPrimary*
49. *SyntacticPrimary:*
    1. *OptionalSequence*
    2. *RepeatedSequence*
    3. *GroupedSequence*
    4. *MetaIdentifier*
    5. *TerminalString*
    6. *SpecialSequence*
    7. *EmptySequence*
50. *OptionalSequence:*
    1. *StartOptionalSymbol DefinitionsList EndOptionSymbol*
51. *RepeatedSequence:*
    1. *StartRepeatSymbol DefinitionsList EndRepeatSymbol*
52. *GroupedSequence:*
    1. *StartGroupSymbol DefinitionsList EndGroupSymbol*
53. *EmptySequence:*
    1. ε