

1. Grammar symbols: Used cross reference.

Reference of each grammar's symbol used within each rule's productions. The index uses the tripple: rule name, its subrule no, and the symbol's position within the symbol string.

2. RT_enum_phrase:.

Rmpost_output 1.7

3. Relement:.

Relements 1.1 Relements 2.2

4. Relements:.

Rsubrule 1.2 Relements 2.1

5. Rerr_phrase:.

Rmpost_output 1.15

6. Rfsm_phrase:.

Rmpost_output 1.3

7. Rgrammar_phrase:.

Rmpost_output 1.1

8. Rk:.

Rks 1.2 Rks 2.1

9. Rks:.

Rks_epi 1.1 Rks 1.1

10. Rks_epi:.

Rmpost_output 1.2 Rmpost_output 1.4 Rmpost_output 1.6 Rmpost_output 1.8 Rmpost_output 1.10 Rmpost_output 1.12 Rmpost_output 1.14 Rmpost_output 1.16 Rmpost_output 1.19 Rules 1.1 Rules 2.2

11. Rlr1_k_phrase:.

Rmpost_output 1.9

12. Rparallel_phrase:.

Rmpost_output 1.5

13. Rrc_phrase:.

Rmpost_output 1.11

14. Rrule:.

Rrules 1.2 Rrules 2.3

15. Rrule_def:.

Rule 1.1

16. Rrule_phrase:.

Rmpost_output 1.17

17. Rrules:.

Rmpost_output 1.18 Rrules 2.1

18. Rsubrule:.

Rsubrules 1.1 Rsubrules 2.2

19. Rsubrule_def:.

Rsubrule 1.1

20. Rsubrules:.

Rule 1.2 Rsubrules 2.1

21. Rterms_phrase:.

Rmpost_output 1.13

22. T-enum-phrase:.

RT_enum_phrase 1.1

23. ϵ :.

Rks_epi 2.1

24. called thread eosubrule:.

Relement 4.3

25. cweb-marker:.

Rk 1.1

26. eog:.

Rmpost_output 1.20

27. eosubrule:.

Relement 3.1

28. error-symbols-phrase:.

Rerr_phrase 1.1

29. fsm-phrase:.

Rfsm_phrase 1.1

30. grammar-phrase:.

Rgrammar_phrase 1.1

31. lr1-k-phrase:.

Rlr1_k_phrase 1.1

32. null call thread eosubrule:.

Relement 5.3

33. parallel-parser-phrase:.

Rparallel_phrase 1.1

34. rc-phrase:.

Rrc_phrase 1.1

35. refered-T:.

Relement 1.1 Relement 4.1 Relement 4.2 Relement 5.1 Relement 5.2 Relement 6.1 Relement 6.2

36. refered-rule:.

Relement 2.1

37. rule-def:.

Rrule_def 1.1

38. rules-phrase:.

Rrule_phrase 1.1

39. subrule-def:.

Rsubrule_def 1.1

40. terminals-phrase:.

Rterms_phrase 1.1

41. |. |:.

Rparallel_phrase 2.1 Relement 1.2 Relement 6.3

42. Grammar Rules's First Sets.

43. *Rmpost_output* # in set: 1.
grammar-phrase

44. *Rgrammar_phrase* # in set: 1.
grammar-phrase

45. *Rks_ε* # in set: 1.
cweb-marker

46. *Rks* # in set: 1.
cweb-marker

47. *Rk* # in set: 1.
cweb-marker

48. *Rfsm_phrase* # in set: 1.
fsm-phrase

49. *Rparallel_phrase* # in set: 2.
parallel-parser-phrase |. |

50. *RT_enum_phrase* # in set: 1.
T-enum-phrase

51. *Rerr_phrase* # in set: 1.
error-symbols-phrase

52. *Rrc_phrase* # in set: 1.
rc-phrase

53. *Rlr1_k_phrase* # in set: 1.
lr1-k-phrase

54. *Rterms_phrase* # in set: 1.
terminals-phrase

55. *Rrule_phrase* # in set: 1.
rules-phrase

56. *Rrules* # in set: 2.
cweb-marker rule-def

57. *Rrule* # in set: 1.
rule-def

58. *Rrule_def* # in set: 1.
rule-def

59. *Rsubrules* # in set: 1.
subrule-def

60. *Rsubrule* # in set: 1.
subrule-def

61. *Rsubrule_def* # in set: 1.
subrule-def

62. *Relements* # in set: 3.
eosubrule refered-T refered-rule

63. *Relement* # in set: 3.
eosubrule refered-T refered-rule

64. LR State Network.

List of productions with their derived LR state lists. Their subrule number and symbol string indicates the specific production being derived. The “▷” symbol indicates the production’s list of derived states from its closed state. Multiple lists within a production indicate 1 of 2 things:

- 1) derived string that could not be merged due to a lr(1) conflict
- 2) partially derived string merged into another derived lr states

A partially derived string is indicated by the “merged into” symbol ↗ used as a superscript along with the merged into state number.

65. Rmpost_output.

1 Rgrammar_phrase Rks.epi Rfsm_phrase Rks.epi Rparallel_phrase Rks.epi RT_enum_phrase Rks.epi
Rlr1_k_phrase Rks.epi Rrc_phrase Rks.epi Rterms_phrase Rks.epi Rerr_phrase Rks.epi Rrule_phrase
Rules Rks.epi eog
▷ 1 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

66. Rgrammar_phrase.

1 grammar-phrase
▷ 1 2

67. Rks_epi.

1 Rks

- ▷ 3 43
- ▷ 5 ↗⁴³
- ▷ 7 ↗⁴³
- ▷ 9 ↗⁴³
- ▷ 11 ↗⁴³
- ▷ 13 ↗⁴³
- ▷ 15 ↗⁴³
- ▷ 17 ↗⁴³
- ▷ 19 ↗⁴³
- ▷ 20 ↗⁴³

2 ϵ

- ▷ 3
- ▷ 5
- ▷ 7
- ▷ 9
- ▷ 11
- ▷ 13
- ▷ 15
- ▷ 17
- ▷ 19
- ▷ 20

68. Rks.

1 Rks Rk

- ▷ 3 43 44
- ▷ 5 ↗⁴³
- ▷ 7 ↗⁴³
- ▷ 9 ↗⁴³
- ▷ 11 ↗⁴³
- ▷ 13 ↗⁴³
- ▷ 15 ↗⁴³
- ▷ 17 ↗⁴³
- ▷ 19 ↗⁴³
- ▷ 20 ↗⁴³

2 Rk

- ▷ 3 45
- ▷ 5 ↗⁴⁵
- ▷ 7 ↗⁴⁵
- ▷ 9 ↗⁴⁵
- ▷ 11 ↗⁴⁵
- ▷ 13 ↗⁴⁵
- ▷ 15 ↗⁴⁵
- ▷ 17 ↗⁴⁵
- ▷ 19 ↗⁴⁵
- ▷ 20 ↗⁴⁵

69. Rk.

1 cweb-marker

- ▷ 3 42
- ▷ 5 ↗⁴²
- ▷ 7 ↗⁴²
- ▷ 9 ↗⁴²
- ▷ 11 ↗⁴²
- ▷ 13 ↗⁴²
- ▷ 15 ↗⁴²
- ▷ 17 ↗⁴²
- ▷ 19 ↗⁴²
- ▷ 20 ↗⁴²
- ▷ 43 ↗⁴²

70. Rfsm_phrase.

1 fsm-phrase

- ▷ 4 46

71. Rparallel_phrase.

1 parallel-parser-phrase

- ▷ 6 48

2 |.|

- ▷ 6 47

72. RT_enum_phrase.

1 T-enum-phrase

- ▷ 8 49

73. Rerr_phrase.

1 error-symbols-phrase

- ▷ 16 53

74. Rrc_phrase.

1 rc-phrase

- ▷ 12 51

75. Rlr1_k_phrase.

1 lr1-k-phrase

- ▷ 10 50

76. Rterms_phrase.

1 terminals-phrase

- ▷ 14 52

77. Rrule_phrase.

- 1 rules-phrase
 - ▷ 18 54

78. Rrules.

- 1 Rks_epi Rrule
 - ▷ 19 55 56
- 2 Rrules Rks_epi Rrule
 - ▷ 19 20 21 24

79. Rrule.

- 1 Rule_def Rsubrules
 - ▷ 21 25 27
 - ▷ 55^{↗25}

80. Rrule_def.

- 1 rule-def
 - ▷ 21 23
 - ▷ 55^{↗23}

81. Rsubrules.

- 1 Rsubrule
 - ▷ 25 41
- 2 Rsubrules Rsubrule
 - ▷ 25 27 28

82. Rsubrule.

- 1 Rsubrule_def Relements
 - ▷ 25 29 38
 - ▷ 27^{↗29}

83. Rsubrule_def.

- 1 subrule-def
 - ▷ 25 26
 - ▷ 27^{↗26}

84. Relements.

- 1 Relement
 - ▷ 29 40
- 2 Relements Relement
 - ▷ 29 38 39

85. Relement.

- 1 refered-T |.|
 - ▷ 29 30 31
 - ▷ 38^{↗30}
- 2 refered-rule
 - ▷ 29 36
 - ▷ 38^{↗36}
- 3 eosubrule
 - ▷ 29 37
 - ▷ 38^{↗37}
- 4 refered-T refered-T called thread eosubrule
 - ▷ 29 30 32 34
 - ▷ 38^{↗30}
- 5 refered-T refered-T null call thread eosubrule
 - ▷ 29 30 32 35
 - ▷ 38^{↗30}
- 6 refered-T refered-T |.|
 - ▷ 29 30 32 33
 - ▷ 38^{↗30}

86. List of reducing states.

The following legend indicates the type of reducing state.
Points 2–4 are states that must meet the lr(1) condition:

- 1) r — only 1 production reducing
- 2) r² — 2 or more reducing productions
- 3) s/r — shift and 1 reducing production
- 4) s/r² — shift and multiple reducing productions

\subset 2^r 3^{s/r} 5^{s/r} 7^{s/r} 9^{s/r} 11^{s/r} 13^{s/r} 15^{s/r} 17^{s/r} 19^{s/r} 20^{s/r} 22^r 23^r 24^r 26^r 27^{s/r}
 28^r 31^r 33^r 34^r 35^r 36^r 37^r 38^{s/r} 39^r 40^r 41^r 42^r 43^{s/r} 44^r 45^r 46^r 47^r 48^r 49^r
 50^r 51^r 52^r 53^r 54^r 56^r

87. Lr1 State's Follow sets and reducing lookahead sets.

Notes on Follow set expressions:

1) The “follow set” for rule uses its literal name and tags its grammar rule rank number as a superscript. Due to space limitations, part of the follow set information uses the rule's literal name while the follow set expressions refers to the rule's rank number. This \langle rule name, rule rank number \rangle tuple allows you the reader to decipher the expressions. Transitions are represented by S_xR_z whereby S is the LR1 state identified by its “x” subscript where other transient calculations occur within the LR1 state network. R indicates the follow set rule with the subscript “z” as its grammar rank number that contributes to the follow set.

The \nearrow^x symbol indicates that a merge into state “x” has taken place. That is, the reduced subrule that depends on this follow set finds its follow set in 2 places: its birthing state that generated the sequence up to the merged into state, and the birthing state that generated the “merged into” state. So the rule's “follow set” calculation must also continue its calculation within the birth state generating the “x merged into” state.

State: 1 Follow Set contributors, merges, and transitions
 \leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 Rmpost_output¹

Local follow set yield:

eolr.

\leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 Rgrammar_phrase² $R_{1.1.1}$ $R_{1.1.2}$

Local follow set yield:

fsm-phrase, cweb-marker.

State: 3 Follow Set contributors, merges, and transitions
 \leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 Rks.epi³ $R_{1.1.2} \nearrow^{20} \nearrow^{19} \nearrow^{17} \nearrow^{15} \nearrow^{13} \nearrow^{11} \nearrow^9 \nearrow^7 \nearrow^5$

Local follow set yield:

fsm-phrase.

\leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 Rks⁴ $R_{4.1.1}$ $R_{3.1.1} \nearrow^{20} \nearrow^{19} \nearrow^{17} \nearrow^{15} \nearrow^{13} \nearrow^{11} \nearrow^9 \nearrow^7 \nearrow^5 S_3R_3$

Local follow set yield:

cweb-marker.

\leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 Rk⁵ $R_{4.2.1} \nearrow^{20} \nearrow^{19} \nearrow^{17} \nearrow^{15} \nearrow^{13} \nearrow^{11} \nearrow^9 \nearrow^7 \nearrow^5 \nearrow^{43} S_3R_4$

Local follow set yield:

State: 4 Follow Set contributors, merges, and transitions
 \leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 Rfsm_phrase⁶ $R_{1.1.3}$ $R_{1.1.4}$

Local follow set yield:

| . |, parallel-parser-phrase, cweb-marker.

State: 5 Follow Set contributors, merges, and transitions
 \leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 Rks.epi³ $R_{1.1.4}$

Local follow set yield:

| . |, parallel-parser-phrase.

\leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow

Rks^4 $R_{4.1.1} R_{3.1.1} S_5 R_3$
 Local follow set yield:
 cweb-marker.
 \leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 Rk^5 $R_{4.2.1} S_5 R_4$
 Local follow set yield:

State: 6 Follow Set contributors, merges, and transitions
 \leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 $R_{parallel_phrase}^7$ $R_{1.1.5} R_{1.1.6}$
 Local follow set yield:
 T-enum-phrase, cweb-marker.

State: 7 Follow Set contributors, merges, and transitions
 \leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 Rks_{epi}^3 $R_{1.1.6}$
 Local follow set yield:
 T-enum-phrase.
 \leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 Rks^4 $R_{4.1.1} R_{3.1.1} S_7 R_3$
 Local follow set yield:
 cweb-marker.
 \leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 Rk^5 $R_{4.2.1} S_7 R_4$
 Local follow set yield:

State: 8 Follow Set contributors, merges, and transitions
 \leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 $RT_enum_phrase^8$ $R_{1.1.7} R_{1.1.8}$
 Local follow set yield:
 lr1-k-phrase, cweb-marker.

State: 9 Follow Set contributors, merges, and transitions
 \leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 Rks_{epi}^3 $R_{1.1.8}$
 Local follow set yield:
 lr1-k-phrase.
 \leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 Rks^4 $R_{4.1.1} R_{3.1.1} S_9 R_3$
 Local follow set yield:
 cweb-marker.
 \leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 Rk^5 $R_{4.2.1} S_9 R_4$
 Local follow set yield:

State: 10 Follow Set contributors, merges, and transitions
 \leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 $Rlr1_k_phrase^{11}$ $R_{1.1.9} R_{1.1.10}$
 Local follow set yield:

rc-phrased, cweb-marker.

State: 11 Follow Set contributors, merges, and transitions
 \leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 Rks.epi³ $R_{1.1.10}$
 Local follow set yield:
 rc-phrased.

\leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 Rks⁴ $R_{4.1.1} R_{3.1.1} S_{11} R_3$
 Local follow set yield:
 cweb-marker.

\leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 Rk⁵ $R_{4.2.1} S_{11} R_4$
 Local follow set yield:

State: 12 Follow Set contributors, merges, and transitions
 \leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 Rrc_phrased¹⁰ $R_{1.1.11} R_{1.1.12}$
 Local follow set yield:
 terminals-phrased, cweb-marker.

State: 13 Follow Set contributors, merges, and transitions
 \leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 Rks.epi³ $R_{1.1.12}$
 Local follow set yield:
 terminals-phrased.

\leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 Rks⁴ $R_{4.1.1} R_{3.1.1} S_{13} R_3$
 Local follow set yield:
 cweb-marker.

\leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 Rk⁵ $R_{4.2.1} S_{13} R_4$
 Local follow set yield:

State: 14 Follow Set contributors, merges, and transitions
 \leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 Rterms_phrased¹² $R_{1.1.13} R_{1.1.14}$
 Local follow set yield:
 error-symbols-phrased, cweb-marker.

State: 15 Follow Set contributors, merges, and transitions
 \leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 Rks.epi³ $R_{1.1.14}$
 Local follow set yield:
 error-symbols-phrased.

\leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 Rks⁴ $R_{4.1.1} R_{3.1.1} S_{15} R_3$
 Local follow set yield:
 cweb-marker.

\leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow

Rk⁵ $R_{4.2.1} S_{15} R_4$

Local follow set yield:

State: 16 Follow Set contributors, merges, and transitions

← Follow set Rule → ← follow set symbols contributors →

Rerr_phrase⁹ $R_{1.1.15} R_{1.1.16}$

Local follow set yield:

rules-phrase, cweb-marker.

State: 17 Follow Set contributors, merges, and transitions

← Follow set Rule → ← follow set symbols contributors →

Rks.epi³ $R_{1.1.16}$

Local follow set yield:

rules-phrase.

← Follow set Rule → ← follow set symbols contributors →

Rks⁴ $R_{4.1.1} R_{3.1.1} S_{17} R_3$

Local follow set yield:

cweb-marker.

← Follow set Rule → ← follow set symbols contributors →

Rk⁵ $R_{4.2.1} S_{17} R_4$

Local follow set yield:

State: 18 Follow Set contributors, merges, and transitions

← Follow set Rule → ← follow set symbols contributors →

Rrule_phrase¹³ $R_{1.1.17}$

Local follow set yield:

rule-def, cweb-marker.

State: 19 Follow Set contributors, merges, and transitions

← Follow set Rule → ← follow set symbols contributors →

Rks.epi³ $R_{14.1.1}$

Local follow set yield:

rule-def.

← Follow set Rule → ← follow set symbols contributors →

Rks⁴ $R_{4.1.1} R_{3.1.1} S_{19} R_3$

Local follow set yield:

cweb-marker.

← Follow set Rule → ← follow set symbols contributors →

Rk⁵ $R_{4.2.1} S_{19} R_4$

Local follow set yield:

← Follow set Rule → ← follow set symbols contributors →

Rrules¹⁴ $R_{1.1.18} R_{1.1.19} R_{14.2.1} R_{14.2.2}$

Local follow set yield:

eog, rule-def, cweb-marker.

State: 20 Follow Set contributors, merges, and transitions

← Follow set Rule → ← follow set symbols contributors →

Rks.epi³ $R_{1.1.19} R_{14.2.2}$

Local follow set yield:

eog, rule-def.
 \leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 R_{ks}^4 $R_{4.1.1} R_{3.1.1} S_{20} R_3$
 Local follow set yield:
 cweb-marker.

\leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 R_k^5 $R_{4.2.1} S_{20} R_4$
 Local follow set yield:

State: 21 Follow Set contributors, merges, and transitions
 \leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 R_{rule}^{15} $R_{14.2.3} \nearrow^{55} S_{19} R_{14}$
 Local follow set yield:

\leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 $R_{rule_def}^{16}$ $R_{15.1.1} \nearrow^{55}$
 Local follow set yield:
 subrule-def.

State: 25 Follow Set contributors, merges, and transitions
 \leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 $R_{subrules}^{17}$ $R_{15.1.2} R_{17.2.1} S_{21} R_{15}$
 Local follow set yield:
 subrule-def.

\leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 $R_{subrule}^{18}$ $R_{17.1.1} S_{25} R_{17}$
 Local follow set yield:

\leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 $R_{subrule_def}^{19}$ $R_{18.1.1} \nearrow^{27}$
 Local follow set yield:
 refered-T, refered-rule, eosubrule.

State: 27 Follow Set contributors, merges, and transitions
 \leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 $R_{subrule}^{18}$ $R_{17.2.2} \nearrow^{25} S_{25} R_{17}$
 Local follow set yield:

\leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 $R_{subrule_def}^{19}$ $R_{18.1.1}$
 Local follow set yield:
 refered-T, refered-rule, eosubrule.

State: 29 Follow Set contributors, merges, and transitions
 \leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 $R_{elements}^{20}$ $R_{18.1.2} R_{20.2.1} S_{27} R_{18}$
 Local follow set yield:
 refered-T, refered-rule, eosubrule.

\leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 $R_{element}^{21}$ $R_{20.1.1} \nearrow^{38} S_{29} R_{20}$
 Local follow set yield:

State: 38 Follow Set contributors, merges, and transitions
 \leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 Relement²¹ $R_{20.2.2} S_{29} R_{20}$
 Local follow set yield:

State: 43 Follow Set contributors, merges, and transitions
 \leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 Rk⁵ $R_{4.1.2} S_3 R_4$
 Local follow set yield:

State: 55 Follow Set contributors, merges, and transitions
 \leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 Rrule¹⁵ $R_{14.1.2} S_{19} R_{14}$
 Local follow set yield:

\leftarrow Follow set Rule $\rightarrow \leftarrow$ follow set symbols contributors \rightarrow
 Rrule_def¹⁶ $R_{15.1.1}$
 Local follow set yield:
 subrule-def.

88. Common Follow sets.**89. LA set: 1.**

fsm-phrase, cweb-marker.

90. LA set: 2.

eog, |. |, fsm-phrase, parallel-parser-phrase, T-enum-phrase, terminals-phrase, error-symbols-phrase, lr1-k-phrase, rc-phrase, rule-def, rules-phrase.

91. LA set: 3.

|. |, parallel-parser-phrase.

92. LA set: 4.

T-enum-phrase.

93. LA set: 5.

lr1-k-phrase.

94. LA set: 6.

rc-phrase.

95. LA set: 7.

terminals-phrase.

96. LA set: 8.

error-symbols-phrase.

97. LA set: 9.

rules-phrase.

98. LA set: 10.

rule-def.

99. LA set: 11.

eog, rule-def.

100. LA set: 12.

eolr.

101. LA set: 13.

subrule-def.

102. LA set: 14.

eog, rule-def, cweb-marker.

103. LA set: 15.

referred-T, referred-rule, eosubrule.

104. LA set: 16.

eog, rule-def, subrule-def, cweb-marker.

105. LA set: 17.

eog, rule-def, subrule-def, referred-T, referred-rule, eosubrule, cweb-marker.

106. LA set: 18.

eog, l.l, fsm-phrase, parallel-parser-phrase, T-enum-phrase, terminals-phrase, error-symbols-phrase, lr1-k-phrase, rc-phrase, rule-def, rules-phrase, cweb-marker.

107. LA set: 19.

l.l, parallel-parser-phrase, cweb-marker.

108. LA set: 20.

T-enum-phrase, cweb-marker.

109. LA set: 21.

lr1-k-phrase, cweb-marker.

110. LA set: 22.

rc-phrase, cweb-marker.

111. LA set: 23.

terminals-phrase, cweb-marker.

112. LA set: 24.

error-symbols-phrase, cweb-marker.

113. LA set: 25.

rules-phrase, cweb-marker.

114. LA set: 26.

rule-def, cweb-marker.

115. Index.

R₁ --- Rmpost_output: 65.
R₁₀ --- Rrc_phrase: 74.
R₁₁ --- Rlr1_k_phrase: 75.
R₁₂ --- Rterms_phrase: 76.
R₁₃ --- Rrule_phrase: 77.
R₁₄ --- Rrules: 78.
R₁₅ --- Rrule: 79.
R₁₆ --- Rrule_def: 80.
R₁₇ --- Rsubrules: 81.
R₁₈ --- Rsubrule: 82.
R₁₉ --- Rsubrule_def: 83.
R₂ --- Rgrammar_phrase: 66.
R₂₀ --- Relements: 84.
R₂₁ --- Relement: 85.
R₃ --- Rks_epi: 67.
R₄ --- Rks: 68.
R₅ --- Rk: 69.
R₆ --- Rfsm_phrase: 70.
R₇ --- Rparallel_phrase: 71.
R₈ --- RT_enum_phrase: 72.
R₉ --- Rerr_phrase: 73.
Relement: 63.
Relements: 62.
Rerr_phrase: 51.
Rfsm_phrase: 48.
Rgrammar_phrase: 44.
Rk: 47.
Rks: 46.
Rks_epi: 45.
Rlr1_k_phrase: 53.
Rmpost_output: 43.
Rparallel_phrase: 49.
Rrc_phrase: 52.
Rrule: 57.
Rrule_def: 58.
Rrule_phrase: 55.
Rrules: 56.
Rsubrule: 60.
Rsubrule_def: 61.
Rsubrules: 59.
RT_enum_phrase: 50.
Rterms_phrase: 54.

mpost_output_idx.w

Date: January 14, 2015 at 15:39

File: mpost_output_idx.w

	Section	Page
Grammar symbols: Used cross reference	1	1
RT_enum_phrase:	2	1
Relement:	3	1
Relements:	4	1
Rerr_phrase:	5	1
Rfsm_phrase:	6	1
Rgrammar_phrase:	7	1
Rk:	8	1
Rks:	9	1
Rks_epi:	10	1
Rlr1_k_phrase:	11	1
Rparallel_phrase:	12	1
Rrc_phrase:	13	1
Rrule:	14	2
Rrule_def:	15	2
Rrule_phrase:	16	2
Rrules:	17	2
Rsubrule:	18	2
Rsubrule_def:	19	2
Rsubrules:	20	2
Rterms_phrase:	21	2
T-enum-phrase:	22	2
ϵ :	23	2
called thread eosubrule:	24	2
cweb-marker:	25	2
eog:	26	2
eosubrule:	27	3
error-symbols-phrase:	28	3
fsm-phrase:	29	3
grammar-phrase:	30	3
lr1-k-phrase:	31	3
null call thread eosubrule:	32	3
parallel-parser-phrase:	33	3
rc-phrase:	34	3
referred-T:	35	3
referred-rule:	36	3
rule-def:	37	3
rules-phrase:	38	3
subrule-def:	39	3
terminals-phrase:	40	4
. :	41	4

Grammar Rules's First Sets	42	5
<i>Rmpost_output</i> # in set: 1	43	5
<i>Rgrammar_phrase</i> # in set: 1	44	5
<i>Rks_epi^ε</i> # in set: 1	45	5
<i>Rks</i> # in set: 1	46	5
<i>Rk</i> # in set: 1	47	5
<i>Rfsm_phrase</i> # in set: 1	48	5
<i>Rparallel_phrase</i> # in set: 2	49	5
<i>RT_enum_phrase</i> # in set: 1	50	5
<i>Rerr_phrase</i> # in set: 1	51	5
<i>Rrc_phrase</i> # in set: 1	52	5
<i>Rlr1_k_phrase</i> # in set: 1	53	5
<i>Rterms_phrase</i> # in set: 1	54	5
<i>Rrule_phrase</i> # in set: 1	55	5
<i>Rrules</i> # in set: 2	56	5
<i>Rrule</i> # in set: 1	57	5
<i>Rrule_def</i> # in set: 1	58	5
<i>Rsubrules</i> # in set: 1	59	5
<i>Rsubrule</i> # in set: 1	60	6
<i>Rsubrule_def</i> # in set: 1	61	6
<i>Relements</i> # in set: 3	62	6
<i>Relement</i> # in set: 3	63	6
LR State Network	64	6
<i>Rmpost_output</i>	65	6
<i>Rgrammar_phrase</i>	66	6
<i>Rks_epi</i>	67	7
<i>Rks</i>	68	7
<i>Rk</i>	69	8
<i>Rfsm_phrase</i>	70	8
<i>Rparallel_phrase</i>	71	8
<i>RT_enum_phrase</i>	72	8
<i>Rerr_phrase</i>	73	8
<i>Rrc_phrase</i>	74	8
<i>Rlr1_k_phrase</i>	75	8
<i>Rterms_phrase</i>	76	8
<i>Rrule_phrase</i>	77	9
<i>Rrules</i>	78	9
<i>Rrule</i>	79	9
<i>Rrule_def</i>	80	9
<i>Rsubrules</i>	81	9
<i>Rsubrule</i>	82	9
<i>Rsubrule_def</i>	83	9
<i>Relements</i>	84	9
<i>Relement</i>	85	10
List of reducing states	86	10
Lr1 State's Follow sets and reducing lookahead sets	87	11
Common Follow sets	88	17
LA set: 1	89	17
LA set: 2	90	17
LA set: 3	91	17
LA set: 4	92	17
LA set: 5	93	17

LA set: 6	94	17
LA set: 7	95	17
LA set: 8	96	17
LA set: 9	97	17
LA set: 10	98	17
LA set: 11	99	17
LA set: 12	100	17
LA set: 13	101	18
LA set: 14	102	18
LA set: 15	103	18
LA set: 16	104	18
LA set: 17	105	18
LA set: 18	106	18
LA set: 19	107	18
LA set: 20	108	18
LA set: 21	109	18
LA set: 22	110	18
LA set: 23	111	18
LA set: 24	112	18
LA set: 25	113	18
LA set: 26	114	19
Index	115	20