

1. O2linker Index of Grammars.

The grammars are sorted lexicographically into 2 parts: threads followed by the stand alone grammars. Each grammar's called threads graph is determined from their "list-of-transitive-threads" derived from this construct.

2. TH_angled_string — Angled string lexer: < . .. > with c

Angled string lexer: < ... > with c type escape sequences.

First set of called threads list.

TH_angled_string

First set: raw_less_than

Used threads: none

3. TH_bad_char_set — Bad source character set recognizer.

Bad source character set recognizer.

First set of called threads list.

TH_bad_char_set

First set: raw_nul raw_soh raw_stx raw_etx raw_eot raw_enq raw_ack raw_bel raw_bs raw_so raw_si raw_dle raw_dc1 raw_dc2 raw_dc3 raw_dc4 raw_nak raw_syn raw_etb raw_can raw_em raw_sub raw_esc raw_fs raw_gs raw_rs raw_us raw_del raw_x80 raw_x81 raw_x82 raw_x83 raw_x84 raw_x85 raw_x86 raw_x87 raw_x88 raw_x89 raw_x8a raw_x8b raw_x8c raw_x8d raw_x8e raw_x8f raw_x90 raw_x91 raw_x92 raw_x93 raw_x94 raw_x95 raw_x96 raw_x97 raw_x98 raw_x99 raw_x9a raw_x9b raw_x9c raw_x9d raw_x9e raw_x9f raw_xa0 raw_xa1 raw_xa2 raw_xa3 raw_xa4 raw_xa5 raw_xa6 raw_xa7 raw_xa8 raw_xa9 raw_xaa raw_xab raw_xac raw_xad raw_xae raw_xaf raw_xb0 raw_xb1 raw_xb2 raw_xb3 raw_xb4 raw_xb5 raw_xb6 raw_xb7 raw_xb8 raw_xb9 raw_xba raw_xbb raw_xbc raw_xbd raw_xbe raw_xbf raw_xc0 raw_xc1 raw_xc2 raw_xc3 raw_xc4 raw_xc5 raw_xc6 raw_xc7 raw_xc8 raw_xc9 raw_xca raw_xcb raw_xcc raw_xcd raw_xce raw_xcf raw_xd0 raw_xd1 raw_xd2 raw_xd3 raw_xd4 raw_xd5 raw_xd6 raw_xd7 raw_xd8 raw_xd9 raw_xda raw_xdb raw_xdc raw_xdd raw_xde raw_xdf raw_xe0 raw_xe1 raw_xe2 raw_xe3 raw_xe4 raw_xe5 raw_xe6 raw_xe7 raw_xe8 raw_xe9 raw_xea raw_xeb raw_xec raw_xed raw_xee raw_xef raw_xf0 raw_xf1 raw_xf2 raw_xf3 raw_xf4 raw_xf5 raw_xf6 raw_xf7 raw_xf8 raw_xf9 raw_xfa raw_xfb raw_xfc raw_xfd raw_xfe raw_xff

Used threads: none

4. TH_cweb_or_c.k — C++ or cweb type comments lexer.

C++ or cweb type comments lexer.

First set of called threads list.

TH_cweb_or_c.k

First set: raw_slash

Used threads: none

5. TH_c_comments — C++ type comments lexer.

C++ type comments lexer.

First set of called threads list.

TH_c_comments

First set: raw_slash

Used threads: none

6. TH_c_literal — C literal lexer.

C literal lexer.

First set of called threads list.

TH_c_literal

First set: raw_right_quote

Used threads: none

7. TH_c_string — C string lexer.

C string lexer.

First set of called threads list.

TH_c_string

First set: raw_dbl_quote

Used threads: none

8. TH_dbl_colon — This one's for the thread's name :: lexer.

This one's for the thread's name :: lexer.

First set of called threads list.

TH_dbl_colon

First set: raw_colon

Used threads: none

9. TH_eol — end-of-line recognizer — Unix, Mac, and Microsoft supported s... .

end-of-line recognizer — Unix, Mac, and Microsoft supported styles.

First set of called threads list.

TH_eol

First set: raw_lf raw_cr

Used threads: none

10. TH_err_symbols_ph_th — Parse Error vocabulary.

Parse Error vocabulary.

First set of called threads list.

TH_err_symbols_ph_th

TH_lint_balls

TH_ws

TH_eol

TH_c_comments

First set: LR1_questionable_shift_operator raw_ht raw_lf raw_vt raw_ff raw_cr raw_sp raw_open_bracket
raw_slash

Used threads: TH_identifier TH_lint_balls TH_term_def_ph

11. TH_esc_seq — C type escape sequence recognizer.

C type escape sequence recognizer.

First set of called threads list.

TH_esc_seq

First set: raw_back_slash

Used threads: none

12. TH_fsm_class_phrase_th — Parse the fsm-class grammar construct.

Parse the fsm-class grammar construct.

First set of called threads list.

TH_fsm_class_phrase_th

TH_identifier

First set: LR1_questionable_shift_operator raw_A raw_B raw_C raw_D raw_E raw_F raw_G raw_H raw_I raw_J raw_K raw_L raw_M raw_N raw_O raw_P raw_Q raw_R raw_S raw_T raw_U raw_V raw_W raw_X raw_Y raw_Z raw_a raw_b raw_c raw_d raw_e raw_f raw_g raw_h raw_i raw_j raw_k raw_l raw_m raw_n raw_o raw_p raw_q raw_r raw_s raw_t raw_u raw_v raw_w raw_x raw_y raw_z

Used threads: TH_cweb_or_c.k TH_identifier TH_lint_balls TH_o2_sdc

13. TH_fsm_phrase_th — Parse grammar’s fsm phrase along with its directive. . . .

Parse grammar’s fsm phrase along with its directives.

First set of called threads list.

TH_fsm_phrase_th

TH_lint_balls

TH_ws

TH_eol

TH_c_comments

First set: LR1_questionable_shift_operator raw_ht raw_lf raw_vt raw_ff raw_cr raw_sp raw_open_bracket raw_slash

Used threads: TH_c_string TH_fsm_class_phrase_th TH_identifier TH_lint_balls

14. TH_identifier — Yacco2 identifiers lexer with symbol table lookup.

Yacco2 identifiers lexer with symbol table lookup.

First set of called threads list.

TH_identifier

First set: raw_A raw_B raw_C raw_D raw_E raw_F raw_G raw_H raw_I raw_J raw_K raw_L raw_M raw_N raw_O raw_P raw_Q raw_R raw_S raw_T raw_U raw_V raw_W raw_X raw_Y raw_Z raw_a raw_b raw_c raw_d raw_e raw_f raw_g raw_h raw_i raw_j raw_k raw_l raw_m raw_n raw_o raw_p raw_q raw_r raw_s raw_t raw_u raw_v raw_w raw_x raw_y raw_z

Used threads: none

15. TH_int_no — Integer number lexer.

Integer number lexer.

First set of called threads list.

TH_int_no

First set: raw_0 raw_1 raw_2 raw_3 raw_4 raw_5 raw_6 raw_7 raw_8 raw_9

Used threads: none

16. TH_la_expr_src — Lexer: 1st stage of Lookahead source expression conv... .

Lexer: 1st stage of Lookahead source expression converted into raw character tokens for post evaluation.

First set of called threads list.

TH_la_expr_src
 TH_lint_balls
 TH_ws
 TH_eol
 TH_c_comments
 TH_c_literal
 TH_o2_code_end
 TH_c_string
 TH_la_lrk_T
 TH_identifier

First set: LR1_eolr LR1_all_shift_operator LR1_fset_transience_operator raw_ht raw_lf raw_vt raw_ff
 raw_cr raw_sp raw_dbl_quote raw_right_quote raw_asteric raw_plus raw_minus raw_slash
 raw_A raw_B raw_C raw_D raw_E raw_F raw_G raw_H raw_I raw_J raw_K raw_L raw_M
 raw_N raw_O raw_P raw_Q raw_R raw_S raw_T raw_U raw_V raw_W raw_X raw_Y raw_Z
 raw_a raw_b raw_c raw_d raw_e raw_f raw_g raw_h raw_i raw_j raw_k raw_l raw_m raw_n raw_o
 raw_p raw_q raw_r raw_s raw_t raw_u raw_v raw_w raw_x raw_y raw_z raw_vertical_line

Used threads: TH_c_literal TH_c_string TH_identifier TH_la_lrk_T TH_lint_balls TH_o2_code_end

17. TH_la_lrk_T — Unquoted lookahead source symbol recognizer.

Unquoted lookahead source symbol recognizer.

First set of called threads list.

TH_la_lrk_T
 First set: raw_dbl_quote raw_right_quote raw_vertical_line
 Used threads: none

18. TH_linker_id — O_2^{linker} identifiers recognizer: uses symbol table.

O_2^{linker} identifiers recognizer: uses symbol table.

First set of called threads list.

TH_linker_id
 First set: raw_A raw_B raw_C raw_D raw_E raw_F raw_G raw_H raw_I raw_J raw_K raw_L raw_M
 raw_N raw_O raw_P raw_Q raw_R raw_S raw_T raw_U raw_V raw_W raw_X raw_Y raw_Z
 raw_a raw_b raw_c raw_d raw_e raw_f raw_g raw_h raw_i raw_j raw_k raw_l raw_m raw_n
 raw_o raw_p raw_q raw_r raw_s raw_t raw_u raw_v raw_w raw_x raw_y raw_z
 Used threads: none

19. TH_linker_preamble_code — O_2^{linker} 's lexer of preamble code section:
 O_2^{linker} 's lexer of preamble code section: similar to Pass3 lexer.

First set of called threads list.

TH_linker_preamble_code

TH_c_string

TH_linker_id

TH_c_comments

TH_c_literal

First set: LR1_eolr LR1_all_shift_operator raw_dbl_quote raw_right_quote raw_slash raw_A raw_B
raw_C raw_D raw_E raw_F raw_G raw_H raw_I raw_J raw_K raw_L raw_M raw_N raw_O
raw_P raw_Q raw_R raw_S raw_T raw_U raw_V raw_W raw_X raw_Y raw_Z raw_a raw_b
raw_c raw_d raw_e raw_f raw_g raw_h raw_i raw_j raw_k raw_l raw_m raw_n raw_o raw_p
raw_q raw_r raw_s raw_t raw_u raw_v raw_w raw_x raw_y raw_z

Used threads: TH_c_comments TH_c_literal TH_c_string TH_linker_id

20. TH_lint_balls — Is this spring cleaning?.

Is this spring cleaning?

First set of called threads list.

TH_lint_balls

TH_ws

TH_eol

TH_c_comments

First set: raw_ht raw_lf raw_vt raw_ff raw_cr raw_sp raw_slash

Used threads: TH_c_comments TH_eol TH_ws

21. TH_lr1_k_phrase_th — Parse lr1 k symbols phrase.

Parse lr1 k symbols phrase.

First set of called threads list.

TH_lr1_k_phrase_th

TH_lint_balls

TH_ws

TH_eol

TH_c_comments

First set: LR1_questionable_shift_operator raw_ht raw_lf raw_vt raw_ff raw_cr raw_sp raw_open_bracket
raw_slash

Used threads: TH_cweb_or_c_k TH_identifier TH_lint_balls TH_o2_sdc TH_term_def_ph

22. TH_o2_code_end — Lexer syntax directed code end marker: * * *.

Lexer syntax directed code end marker: * * *.

First set of called threads list.

TH_o2_code_end

First set: raw_asteric

Used threads: none

23. TH_o2_lcl_opt — O_2 's individual command line option recognizer.

O_2 's individual command line option recognizer.

First set of called threads list.

TH_o2_lcl_opt

First set: raw_minus

Used threads: none

24. TH_o2_sdc — O_2 's syntax directed code extractor.

O_2 's syntax directed code extractor.

First set of called threads list.

TH_o2_sdc

TH_c_literal

TH_o2_code_end

TH_cweb_or_c_k

TH_c_string

First set: LR1_eolr LR1_all_shift_operator raw_dbl_quote raw_right_quote raw_asteric raw_slash

Used threads: TH_c_literal TH_c_string TH_cweb_or_c_k TH_o2_code_end

25. TH_parallel_monitor_ph — Parse a rule's arbitration code: into the v... .

Parse a rule's arbitration code: into the valley of someone's dementia...

First set of called threads list.

TH_parallel_monitor_ph

First set: T_parallel_control_monitor

Used threads: TH_cweb_or_c_k TH_identifier TH_lint_balls TH_o2_sdc

26. TH_parallel_oper — Lexer for Parallel operator: |||.

Lexer for Parallel operator: |||.

First set of called threads list.

TH_parallel_oper

First set: raw_dbl_quote raw_vertical_line

Used threads: none

27. TH_parallel_parser_ph_th — Parse grammar's parallel-parser construct.

Parse grammar's parallel-parser construct.

First set of called threads list.

TH_parallel_parser_ph_th

TH_lint_balls

TH_ws

TH_eol

TH_c_comments

First set: LR1_questionable_shift_operator raw_ht raw_lf raw_vt raw_ff raw_cr raw_sp raw_open_bracket
raw_slash

Used threads: TH_identifier TH_la_expr_src TH_lint_balls TH_o2_code_end

28. TH_prefile_include — Preprocessor source file from the “include file” . . .

Preprocessor source file from the “include file” directive.

First set of called threads list.

TH_prefile_include

First set: raw_at_sign

Used threads: TH_c_string TH_eol TH_ws

29. TH_rc_phrase_th — Raw character vocabulary parser.

Raw character vocabulary parser.

First set of called threads list.

TH_rc_phrase_th

TH_lint_balls

TH_ws

TH_eol

TH_c_comments

First set: LR1_questionable_shift_operator raw_ht raw_lf raw_vt raw_ff raw_cr raw_sp raw_open_bracket
raw_slash

Used threads: TH_identifier TH_lint_balls TH_term_def_ph

30. TH_rhs_bnd — Determine end-of-subrule expression within a rule.

Determine end-of-subrule expression within a rule.

First set of called threads list.

TH_rhs_bnd

First set: LR1_eog raw_minus raw_open_brace raw_close_brace

Used threads: none

31. TH_rhs_component — Subule’s individual component recognizer except eosu. . . .

Subule’s individual component recognizer except eosubrule.

First set of called threads list.

TH_rhs_component

TH_c_string

TH_cweb_or_c_k

TH_identifier

TH_unq_str

First set: LR1_eolr LR1_all_shift_operator raw_dbl_quote raw_slash raw_A raw_B raw_C raw_D raw_E
raw_F raw_G raw_H raw_I raw_J raw_K raw_L raw_M raw_N raw_O raw_P raw_Q raw_R
raw_S raw_T raw_U raw_V raw_W raw_X raw_Y raw_Z raw_a raw_b raw_c raw_d raw_e raw_f
raw_g raw_h raw_i raw_j raw_k raw_l raw_m raw_n raw_o raw_p raw_q raw_r raw_s raw_t
raw_u raw_v raw_w raw_x raw_y raw_z

Used threads: TH_c_string TH_cweb_or_c_k TH_identifier TH_unq_str

32. TH_rtn_component — Recognizer of returned T from a thread call expression...

Recognizer of returned T from a thread call expression.

First set of called threads list.

TH_rtn_component

TH_c_string

TH_unq_str

TH_identifier

First set: LR1_eolr LR1_all_shift_operator raw_dbl_quote raw_A raw_B raw_C raw_D raw_E raw_F
raw_G raw_H raw_I raw_J raw_K raw_L raw_M raw_N raw_O raw_P raw_Q raw_R raw_S
raw_T raw_U raw_V raw_W raw_X raw_Y raw_Z raw_a raw_b raw_c raw_d raw_e raw_f raw_g
raw_h raw_i raw_j raw_k raw_l raw_m raw_n raw_o raw_p raw_q raw_r raw_s raw_t raw_u
raw_v raw_w raw_x raw_y raw_z

Used threads: TH_c_string TH_identifier TH_unq_str

33. TH_rules_phrase_th — Parse all of the grammar’s rules.

Parse all of the grammar’s rules.

First set of called threads list.

TH_rules_phrase_th

TH_ws

TH_cweb_or_c.k

TH_eol

First set: LR1_questionable_shift_operator raw_ht raw_lf raw_vt raw_ff raw_cr raw_sp raw_slash
raw_open_brace

Used threads: TH_cweb_or_c.k TH_eol TH_rule_def_phrase TH_ws

34. TH_rule_def_phrase — Parse a grammar’s rule definition.

Parse a grammar’s rule definition.

First set of called threads list.

TH_rule_def_phrase

TH_identifier

First set: LR1_questionable_shift_operator raw_A raw_B raw_C raw_D raw_E raw_F raw_G raw_H raw_I
raw_J raw_K raw_L raw_M raw_N raw_O raw_P raw_Q raw_R raw_S raw_T raw_U raw_V
raw_W raw_X raw_Y raw_Z raw_a raw_b raw_c raw_d raw_e raw_f raw_g raw_h raw_i raw_j
raw_k raw_l raw_m raw_n raw_o raw_p raw_q raw_r raw_s raw_t raw_u raw_v raw_w raw_x
raw_y raw_z

Used threads: TH_cweb_or_c.k TH_identifier TH_lint_balls TH_subrules_phrase TH_t_def_delabort_tags

35. TH_rule_lhs_phrase — Parse a rule’s “lhs” directive.

Parse a rule’s “lhs” directive.

First set of called threads list.

TH_rule_lhs_phrase

First set: T_lhs

Used threads: TH_cweb_or_c.k TH_identifier TH_lint_balls TH_o2_sdc

36. TH_subrules_phrase — Parse subrules: into the valley of . ..

Parse subrules: into the valley of ...

First set of called threads list.

TH_subrules_phrase

TH_subrule_def

TH_subrule_vector

First set: LR1_questionable_shift_operator raw_minus

Used threads: TH_lint_balls TH_subrule_def

37. TH_subrule_def — Parse a subrule: into the valley of sin. ..

Parse a subrule: into the valley of sin...

First set of called threads list.

TH_subrule_def

TH_subrule_vector

First set: raw_minus

Used threads: TH_cweb_or_c_k TH_dbl_colon TH_identifier TH_lint_balls TH_o2_sdc TH_parallel_oper
TH_rhs_bnd TH_rhs_component TH_rtn_component TH_subrule_vector**38. TH_subrule_vector — Lexer of subrule begin operator: →.**

Lexer of subrule begin operator: →.

First set of called threads list.

TH_subrule_vector

First set: raw_minus

Used threads: none

39. TH_terminals_phrase_th — Parse terminals vocabulary.

Parse terminals vocabulary.

First set of called threads list.

TH_terminals_phrase_th

TH_lint_balls

TH_ws

TH_eol

TH_c_comments

First set: LR1_questionable_shift_operator raw_ht raw_lf raw_vt raw_ff raw_cr raw_sp raw_open_bracket
raw_slash

Used threads: TH_cweb_or_c_k TH_identifier TH_lint_balls TH_o2_sdc TH_term_def_ph

40. TH_terminal_def_symclass — Lexer of “sym-class” keyword.

Lexer of “sym-class” keyword.

First set of called threads list.

TH_terminal_def_symclass

First set: raw_s

Used threads: none

41. TH_term_def_ph — Parse a terminal symbol.

Parse a terminal symbol.

First set of called threads list.

TH_term_def_ph

TH_c_string

TH_identifier

First set: raw_dbl_quote raw_A raw_B raw_C raw_D raw_E raw_F raw_G raw_H raw_I raw_J raw_K
 raw_L raw_M raw_N raw_O raw_P raw_Q raw_R raw_S raw_T raw_U raw_V raw_W raw_X
 raw_Y raw_Z raw_a raw_b raw_c raw_d raw_e raw_f raw_g raw_h raw_i raw_j raw_k raw_l
 raw_m raw_n raw_o raw_p raw_q raw_r raw_s raw_t raw_u raw_v raw_w raw_x raw_y raw_z

Used threads: TH_c_string TH_cweb_or_c_k TH_identifier TH_lint_balls TH_o2_sdc TH_t_def_delabort_tags
 TH_terminal_def_symclass

42. TH_t_def_delabort_tags — AB AD grammar symbol tags recognizer.

AB AD grammar symbol tags recognizer.

First set of called threads list.

TH_t_def_delabort_tags

First set: raw_A

Used threads: none

43. TH_T_enum_phrase_th — Parse “T-enumeration” construct: Time out sme... .

Parse “T-enumeration” construct: Time out smell the tulleps.

First set of called threads list.

TH_T_enum_phrase_th

TH_lint_balls

TH_ws

TH_eol

TH_c_comments

First set: LR1_questionable_shift_operator raw_ht raw_lf raw_vt raw_ff raw_cr raw_sp raw_open_bracket
 raw_slash

Used threads: TH_identifier TH_lint_balls TH_o2_sdc

44. TH_unq_str — Unquoted string of characters: raw and basic.

Unquoted string of characters: raw and basic.

First set of called threads list.

TH_unq_str

First set: LR1_eolr LR1_all_shift_operator

Used threads: none

45. TH_ws — White space globber.

White space globber.

First set of called threads list.

TH_ws

First set: raw_ht raw_vt raw_ff raw_sp

Used threads: none

46. TH_xc_str — No escape sequence check: accept all characters between dbl. . . .

No escape sequence check: accept all characters between dbl. quoted string.

First set of called threads list.

TH_xc_str

First set: raw_dbl_quote

Used threads: none

47. Ccweave_fsm_sdc — Write out cweave fsm directives sentences.

Write out cweave fsm directives sentences.

First set of called threads list.

Ccweave_fsm_sdc

First set: T_user_declaration T_user_prefix_declaration T_user_suffix_declaration T_constructor
T_destructor T_op T_failed T_user_implementation T_user_imp_tbl T_user_imp_sym

Used threads: none

48. Ccweave_lhs_sdc — Write out cweave rule's lhs directives sentences.

Write out cweave rule's lhs directives sentences

First set of called threads list.

Ccweave_lhs_sdc

First set: T_arbitrator_code T_user_declaration T_constructor T_destructor T_op
T_user_implementation

Used threads: none

49. Ccweave_sdc — Write out cweave subrule's sdc irectives sentences.

Write out cweave subrule's sdc irectives sentences

First set of called threads list.

Ccweave_sdc

First set: T_arbitrator_code T_user_declaration T_user_prefix_declaration T_user_suffix_declaration
T_constructor T_destructor T_op T_user_implementation T_user_imp_tbl T_user_imp_sym

Used threads: none

50. Ccweave_T_sdc — Write out cweave Terminals' sdc directives.

Write out cweave Terminals' sdc directives.

First set of called threads list.

Ccweave_T_sdc

First set: T_user_declaration T_constructor T_destructor T_op T_user_implementation

Used threads: none

51. Ccweb_put_k_into_ph — Extract CWEB comments.

Extract CWEB comments.

First set of called threads list.

Ccweb_put_k_into_ph

First set: T_fsm_phrase T_parallel_parser_phrase T_enum_phrase T_terminals_phrase
T_error_symbols_phrase T_lr1_k_phrase T_rc_phrase T_rules_phrase

Used threads: none

52. Cenumerate_grammar — Dump aid: Enumerate grammar's components.

Dump aid: Enumerate grammar's components

First set of called threads list.

Cenumerate_grammar

First set: rule_def

Used threads: none

53. Cenumerate_T_alphabet — Enumerate grammar's terminal symbols: a 0 and

Enumerate grammar's terminal symbols: a 0 and a 1, ... the oracle for parsing lookups.

First set of called threads list.

Cenumerate_T_alphabet

First set:

Used threads: none

54. Cepsilon_rules — Determine whether rules are epsilon, derive T, or are p

Determine whether rules are epsilon, derive T, or are pathological.

First set of called threads list.

Cepsilon_rules

First set: rule_def

Used threads: none

55. Cerr_symbols_ph — Dispatcher to parse "error-symbols" vocabulary.

Dispatcher to parse "error-symbols" vocabulary.

First set of called threads list.

Cerr_symbols_ph

TH_err_symbols_ph_th

TH_lint_balls

TH_ws

TH_eol

TH_c_comments

First set: LR1_questionable_shift_operator

Used threads: TH_err_symbols_ph_th

56. Ceval_phrases — Evaluate parse phrase sequencer: as i use a top / down

Evaluate parse phrase sequencer: as i use a top / down approach to dispatching the various phrases.

First set of called threads list.

Ceval_phrases

First set: LR1_questionable_shift_operator LR1_eog T_fsm_phrase

Used threads: none

57. Cfsc_file — O_2^{linker} 's "fsc" control file parser.

O_2^{linker} 's "fsc" control file parser.

First set of called threads list.

Cfsc_file

First set: LR1_questionable_shift_operator T_transitive

Used threads: none

58. C fsm_phrase — Dispatcher to parse “fsm” construct.

Dispatcher to parse “fsm” construct.

First set of called threads list.

C fsm_phrase

TH_fsm_phrase_th

TH_lint_balls

TH_ws

TH_eol

TH_c_comments

First set: LR1_questionable_shift_operator

Used threads: TH_fsm_phrase_th

59. Cla_expr — Parse the lookahead expression after chaffe removed.

Parse the lookahead expression after chaffe removed.

First set of called threads list.

Cla_expr

First set: LR1_all_shift_operator T_in_stbl rule_in_stbl

Used threads: none

60. Cla_expr_lexical — Lexer: 2nd stage lexing for lookahead: stripper. ..

Lexer: 2nd stage lexing for lookahead: stripper...

First set of called threads list.

Cla_expr_lexical

First set: LR1_all_shift_operator raw_plus raw_minus T_c_literal T_c_string T_identifier

Used threads: none

61. Clinker_pass3 — Lexer: constructing tokens for O_2^{linker} parsing stage.

Lexer: constructing tokens for O_2^{linker} parsing stage.

First set of called threads list.

Clinker_pass3

TH_linker_id

TH_lint_balls

TH_ws

TH_eol

TH_c_comments

First set: LR1_questionable_shift_operator

Used threads: TH_angled_string TH_c_string TH_linker_id TH_linker_preamble_code TH_lint_balls

62. Clink_cleanser — Lexer: O_2^{linker} 's cleanser from previous lexing to re... .

Lexer: O_2^{linker} 's cleanser from previous lexing to remove chaffe before parsing stage.

First set of called threads list.

Clink_cleanser

TH_int_no

TH_ws

TH_c_comments

TH_c_string

TH_linker_id

TH_eol

TH_bad_char_set

First set: LR1_eog LR1_all_shift_operator

Used threads: TH_bad_char_set TH_c_comments TH_c_string TH_eol TH_int_no TH_linker_id TH_ws

63. Clr1_k_phrase — Dispatcher to parse “lrk-symbols” construct.

Dispatcher to parse “lrk-symbols” construct.

First set of called threads list.

Clr1_k_phrase

TH_lr1_k_phrase_th

TH_lint_balls

TH_ws

TH_eol

TH_c_comments

First set: LR1_questionable_shift_operator

Used threads: TH_lr1_k_phrase_th

64. Cmpost_output — Output grammar rules railroad diagrams for mpost that cw... .

Output grammar rules railroad diagrams for mpost that cweb program uses.

First set of called threads list.

Cmpost_output

First set: T_grammar_phrase

Used threads: none

65. Co2_err_hdlr — Logic sequencer: Print out errors from O_2 .

Logic sequencer: Print out errors from O_2 .

First set of called threads list.

Co2_err_hdlr

First set: LR1_eog LR1_all_shift_operator T_file_inclusion Err_nested_files_exceeded
Err_no_end_of_code Err_no_filename Err_bad_filename Err_bad_cmd_lne_opt Err_bad_int_no
Err_bad_int_no_range Err_no_int_present Err_bad_eos Err_bad_esc Err_comment_overrun
Err_bad_char Err_bad_univ_seq

Used threads: none

66. Co2_lcl_opts — O_2 's command line options dispatcher.

O_2 's command line options dispatcher.

First set of called threads list.

Co2_lcl_opts

TH_c_comments

TH_xc_str

TH_ws

TH_eol

TH_unq_str

TH_o2_lcl_opt

First set: LR1_questionable_shift_operator

Used threads: TH_c_comments TH_eol TH_o2_lcl_opt TH_unq_str TH_ws TH_xc_str

67. Co2_linker_opts — O_2^{linker} 's Command line options parser.

O_2^{linker} 's Command line options parser.

First set of called threads list.

Co2_linker_opts

TH_xc_str

TH_ws

TH_c_comments

TH_eol

TH_unq_str

First set: LR1_questionable_shift_operator

Used threads: TH_c_comments TH_eol TH_unq_str TH_ws TH_xc_str

68. Cparallel_parser_phrase — Dispatcher to parse grammar's "parallel-parse...".

Dispatcher to parse grammar's "parallel-parser" construct.

First set of called threads list.

Cparallel_parser_phrase

TH_parallel_parser_ph_th

TH_lint_balls

TH_ws

TH_eol

TH_c_comments

First set: LR1_questionable_shift_operator

Used threads: TH_parallel_parser_ph_th

69. Cpass3 — O_2 's lexer constructing tokens for syntax parser stage.

O_2 's lexer constructing tokens for syntax parser stage.

First set of called threads list.

Cpass3

TH_ws

TH_cweb_or_c_k

TH_eol

TH_bad_char_set

TH_identifier

First set: LR1_questionable_shift_operator LR1_eog raw_at_sign

Used threads: TH_bad_char_set TH_cweb_or_c_k TH_eol TH_identifier TH_ws

70. Cpvt_sr_elements — Print the subrule's symbol string.

Print the subrule's symbol string.

First set of called threads list.

Cpvt_sr_elements

First set: T_subrule_def

Used threads: none

71. Cpvt_xrefs_docs — Output xref doc — “first set” per rule, and refe... .

Output xref doc — “first set” per rule, and referenced symbols.

First set of called threads list.

Cpvt_xrefs_docs

First set: rule_def

Used threads: none

72. Crc_phrase — Dispatcher to parse raw character vocabulary.

Dispatcher to parse raw character vocabulary.

First set of called threads list.

Crc_phrase

TH_rc_phrase_th

TH_lint_balls

TH_ws

TH_eol

TH_c_comments

First set: LR1_questionable_shift_operator

Used threads: TH_rc_phrase_th

73. Crules_phrase — Dispatcher to parse the grammar's rules.

Dispatcher to parse the grammar's rules.

First set of called threads list.

Crules_phrase

TH_rules_phrase_th

TH_ws

TH_cweb_or_c_k

TH_eol

First set: LR1_questionable_shift_operator

Used threads: TH_rules_phrase_th

74. Crules_use_cnt — Optimization: Count “rules used” to lower new / de... .

Optimization: Count “rules used” to lower new / delete rule cycles while parsing.

First set of called threads list.

Crules_use_cnt

First set: rule_def

Used threads: none

75. Cterminals_phrase — Dispatcher to parse the terminals alphabet.

Dispatcher to parse the terminals alphabet.

First set of called threads list.

Cterminals_phrase

TH_terminals_phrase_th

TH_lint_balls

TH_ws

TH_eol

TH_c_comments

First set: LR1_questionable_shift_operator

Used threads: TH_terminals_phrase_th

76. Ctest_components — Tester: lexical stage constructing tokens for syntax

Tester: lexical stage constructing tokens for syntax parser.

First set of called threads list.

Ctest_components

TH_o2_code_end

TH_bad_char_set

TH_c_literal

TH_dbl_colon

TH_identifier

TH_ws

TH_angled_string

TH_c_comments

TH_c_string

TH_eol

TH_esc_seq

TH_int_no

TH_unq_str

First set: LR1_eog LR1_all_shift_operator

Used threads: TH_angled_string TH_bad_char_set TH_c_comments TH_c_literal TH_c_string TH_dbl_colon
TH_eol TH_esc_seq TH_identifier TH_int_no TH_o2_code_end TH_unq_str TH_ws

77. Ct_alphabet — Parse Linker's t-alphabet language.

Parse Linker's t-alphabet language.

First set of called threads list.

Ct_alphabet

First set: LR1_questionable_shift_operator T_T_alphabet

Used threads: none

78. CT_enum_phrase — Dispatcher to parse T-enumeration construct.

Dispatcher to parse T-enumeration construct.

First set of called threads list.

CT_enum_phrase

TH_T_enum_phrase_th

TH_lint_balls

TH_ws

TH_eol

TH_c_comments

First set: LR1_questionable_shift_operator

Used threads: TH_T_enum_phrase_th

79. First set control file (fsc) listing.

File : "yacco2.fsc"

```
file-of-T-alphabet
"/usr/local/yacco2/compiler/grammars/yacco2_T_enumeration.fsc"
emitfile "/usr/local/yacco2/compiler/grammars/yacco2_fsc.cpp"
preamble
#include "yacco2.h"
#include "yacco2_T_enumeration.h"
#include "yacco2_k_symbols.h"
#include "yacco2_terminals.h"
#include "yacco2_characters.h"
using namespace NS_yacco2_T_enum;
using namespace NS_yacco2_err_symbols;
using namespace NS_yacco2_k_symbols;
using namespace NS_yacco2_terminals;
using namespace NS_yacco2_characters;
end-preamble
"/usr/local/yacco2/compiler/grammars/rules_use_cnt.fsc"
"/usr/local/yacco2/compiler/grammars/enumerate_grammar.fsc"
"/usr/local/yacco2/compiler/grammars/enumerate_T_alphabet.fsc"
"/usr/local/yacco2/compiler/grammars/angled_string.fsc"
"/usr/local/yacco2/compiler/grammars/bad_char_set.fsc"
"/usr/local/yacco2/compiler/grammars/c_comments.fsc"
"/usr/local/yacco2/compiler/grammars/c_literal.fsc"
"/usr/local/yacco2/compiler/grammars/c_string.fsc"
"/usr/local/yacco2/compiler/grammars/cweb_or_c_k.fsc"
"/usr/local/yacco2/compiler/grammars/cweave_fsm_sdc.fsc"
"/usr/local/yacco2/compiler/grammars/cweave_lhs_sdc.fsc"
"/usr/local/yacco2/compiler/grammars/cweave_sdc.fsc"
"/usr/local/yacco2/compiler/grammars/cweave_T_sdc.fsc"
"/usr/local/yacco2/compiler/grammars/cweb_put_k_into_ph.fsc"
"/usr/local/yacco2/compiler/grammars/dbl_colon.fsc"
"/usr/local/yacco2/compiler/grammars/eol.fsc"
"/usr/local/yacco2/compiler/grammars/epsilon_rules.fsc"
"/usr/local/yacco2/compiler/grammars/err_symbols_ph.fsc"
"/usr/local/yacco2/compiler/grammars/err_symbols_ph_th.fsc"
"/usr/local/yacco2/compiler/grammars/esc_seq.fsc"
"/usr/local/yacco2/compiler/grammars/eval_phrases.fsc"
"/usr/local/yacco2/compiler/grammars/fsc_file.fsc"
"/usr/local/yacco2/compiler/grammars/fsm_phrase.fsc"
"/usr/local/yacco2/compiler/grammars/fsm_phrase_th.fsc"
"/usr/local/yacco2/compiler/grammars/fsm_class_phrase_th.fsc"
"/usr/local/yacco2/compiler/grammars/identifier.fsc"
"/usr/local/yacco2/compiler/grammars/int_no.fsc"
"/usr/local/yacco2/compiler/grammars/la_expr.fsc"
"/usr/local/yacco2/compiler/grammars/la_expr_lexical.fsc"
"/usr/local/yacco2/compiler/grammars/la_expr_src.fsc"
"/usr/local/yacco2/compiler/grammars/la_lrk_T.fsc"
"/usr/local/yacco2/compiler/grammars/lr1_k_phrase.fsc"
"/usr/local/yacco2/compiler/grammars/link_cleanser.fsc"
"/usr/local/yacco2/compiler/grammars/linker_id.fsc"
```

```
"/usr/local/yacco2/compiler/grammars/linker_pass3.fsc"
"/usr/local/yacco2/compiler/grammars/linker_preamble_code.fsc"
"/usr/local/yacco2/compiler/grammars/lint_balls.fsc"
"/usr/local/yacco2/compiler/grammars/lr1_k_phrase_th.fsc"
"/usr/local/yacco2/compiler/grammars/mpost_output.fsc"
"/usr/local/yacco2/compiler/grammars/o2_sdc.fsc"
"/usr/local/yacco2/compiler/grammars/parallel_monitor_ph.fsc"
"/usr/local/yacco2/compiler/grammars/parallel_parser_phrase.fsc"
"/usr/local/yacco2/compiler/grammars/parallel_parser_ph_th.fsc"
"/usr/local/yacco2/compiler/grammars/parallel_oper.fsc"
"/usr/local/yacco2/compiler/grammars/pass3.fsc"
"/usr/local/yacco2/compiler/grammars/prefile_include.fsc"
"/usr/local/yacco2/compiler/grammars/prt_xrefs_docs.fsc"
"/usr/local/yacco2/compiler/grammars/prt_sr_elements.fsc"
"/usr/local/yacco2/compiler/grammars/rc_phrase.fsc"
"/usr/local/yacco2/compiler/grammars/rc_phrase_th.fsc"
"/usr/local/yacco2/compiler/grammars/rhs_bnd.fsc"
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"/usr/local/yacco2/compiler/grammars/rule_def_phrase.fsc"
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"/usr/local/yacco2/compiler/grammars/subrule_def.fsc"
"/usr/local/yacco2/compiler/grammars/subrules_phrase.fsc"
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"/usr/local/yacco2/compiler/grammars/terminals_phrase.fsc"
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"/usr/local/yacco2/compiler/grammars/term_def_ph.fsc"
"/usr/local/yacco2/compiler/grammars/terminal_def_symclass.fsc"
"/usr/local/yacco2/compiler/grammars/unq_str.fsc"
"/usr/local/yacco2/compiler/grammars/ws.fsc"
"/usr/local/yacco2/compiler/grammars/xc_str.fsc"
"/usr/local/yacco2/compiler/grammars/o2_code_end.fsc"
"/usr/local/yacco2/compiler/grammars/o2_err_hdlr.fsc"
"/usr/local/yacco2/compiler/grammars/o2_lcl_opt.fsc"
"/usr/local/yacco2/compiler/grammars/o2_lcl_opts.fsc"
"/usr/local/yacco2/compiler/grammars/o2_linker_opts.fsc"
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