

1. Copyright.

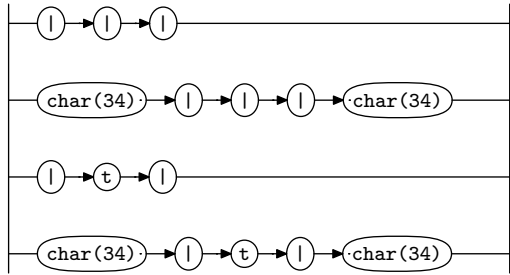
Copyright © Dave Bone 1998 - 2015

2. parallel_oper thread.

Recognize the parallel operator in its 2 drags: quoted and unprotected. The same goes for the chained "procedure call" operator. It overloads on the $|t|$ operator used by O_2^{linker} .

3. Fsm Cparallel_oper class.**4. Rparallel_oper rule.**

Rparallel_oper

**5. Rparallel_oper op directive.**

```

<Rparallel_oper op directive 5> ≡
  rtn_sym_ → set_rc(*rule_info_.parser_ → start_token_, __FILE__, __LINE__);
  RSVP(rtn_sym_);
  rtn_sym_ = 0;

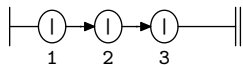
```

6. Rparallel_oper user-declaration directive.

```

<Rparallel_oper user-declaration directive 6> ≡
public: CAbs_lr1_sym * rtn_sym_;

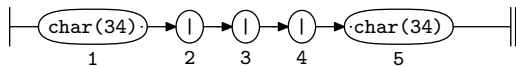
```

7. Rparallel_oper's subrule 1.

```

<Rparallel_oper subrule 1 op directive 7> ≡
  rtn_sym_ = NS_yacco2_k_symbols :: PTR_LR1_parallel_operator_;

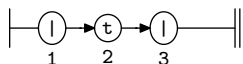
```

8. Rparallel_oper's subrule 2.

```

<Rparallel_oper subrule 2 op directive 8> ≡
  rtn_sym_ = NS_yacco2_k_symbols :: PTR_LR1_parallel_operator_;

```

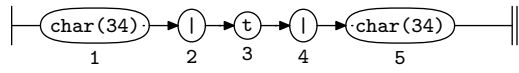
9. Rparallel_oper's subrule 3.

```

<Rparallel_oper subrule 3 op directive 9> ≡
  rtn_sym_ = NS_yacco2_k_symbols :: PTR_LR1_fset_transience_operator_;

```

10. *Rparallel_oper's subrule 4.*



$\langle Rparallel_oper \text{ subrule 4 op directive 10} \rangle \equiv$
 $rtn_sym_ = NS_yacco2_k_symbols :: PTR_LR1_fset_transience_operator_;$

11. First Set Language for O_2^{linker} .

```
/*
  File: parallel_oper.fsc
  Date and Time: Fri Jan  2 15:33:47 2015
*/
transitive      n
grammar-name    "parallel_oper"
name-space     "NS_parallel_oper"
thread-name    "TH_parallel_oper"
monolithic     n
file-name      "parallel_oper.fsc"
no-of-T        569
list-of-native-first-set-terminals 2
  raw_dbl_quote
  raw_vertical_line
end-list-of-native-first-set-terminals
list-of-transitive-threads 0
end-list-of-transitive-threads
list-of-used-threads 0
end-list-of-used-threads
fsm-comments
"Lexer for Parallel operator: \\PARshift."
```

12. Lr1 State Network.

⇒	← rule → R# sr# Po ←	State: 1 state type: ^s	
c Rparallel_oper	1 4 1 "	subrule element	→ Brn Gto Red LA
c Rparallel_oper	1 2 1 "		1 2 6
c Rparallel_oper	1 1 1		1 2 9
c Rparallel_oper	1 3 1		1 10 14
			1 10 12
⇒"	← rule → R# sr# Po ←	State: 2 state type: ^s	
t Rparallel_oper	1 4 2	subrule element	→ Brn Gto Red LA
t Rparallel_oper	1 2 2		1 3 6
			1 3 9
⇒	← rule → R# sr# Po ←	State: 3 state type: ^s	
t Rparallel_oper	1 4 3 t	subrule element	→ Brn Gto Red LA
t Rparallel_oper	1 2 3		1 4 6
			1 7 9
⇒ ^t	← rule → R# sr# Po ←	State: 4 state type: ^s	
t Rparallel_oper	1 4 4	subrule element	→ Brn Gto Red LA
			1 5 6
⇒	← rule → R# sr# Po ←	State: 5 state type: ^s	
t Rparallel_oper	1 4 5 "	subrule element	→ Brn Gto Red LA
			1 6 6
⇒"	← rule → R# sr# Po ←	State: 6 state type: ^r	
t Rparallel_oper	1 4 6	subrule element	→ Brn Gto Red LA
			1 0 6 1
⇒	← rule → R# sr# Po ←	State: 7 state type: ^s	
t Rparallel_oper	1 2 4	subrule element	→ Brn Gto Red LA
			1 8 9
⇒	← rule → R# sr# Po ←	State: 8 state type: ^s	
t Rparallel_oper	1 2 5 "	subrule element	→ Brn Gto Red LA
			1 9 9
⇒"	← rule → R# sr# Po ←	State: 9 state type: ^r	
t Rparallel_oper	1 2 6	subrule element	→ Brn Gto Red LA
			1 0 9 1
⇒	← rule → R# sr# Po ←	State: 10 state type: ^s	
t Rparallel_oper	1 3 2 t	subrule element	→ Brn Gto Red LA
t Rparallel_oper	1 1 2		1 11 12
			1 13 14
⇒ ^t	← rule → R# sr# Po ←	State: 11 state type: ^s	
t Rparallel_oper	1 3 3	subrule element	→ Brn Gto Red LA
			1 12 12

⇒|
 ← rule → R# sr# Po ←
 t Rparallel_oper 1 3 4

State: 12 state type: *r*
 subrule element

→ Brn Gto Red LA
 1 0 12 1

⇒|
 ← rule → R# sr# Po ←
 t Rparallel_oper 1 1 3 |

State: 13 state type: *s*
 subrule element

→ Brn Gto Red LA
 1 14 14

⇒|
 ← rule → R# sr# Po ←
 t Rparallel_oper 1 1 4

State: 14 state type: *r*
 subrule element

→ Brn Gto Red LA
 1 0 14 1

13. Index.

__FILE__: 5.

__LINE__: 5.

CAbs_lr1_sym: 6.

NS_yacco2_k_symbols: 7, 8, 9, 10.

parallel_oper: 2.

parser_: 5.

PTR_LR1_fset_transience_operator_: 9, 10.

PTR_LR1_parallel_operator_: 7, 8.

Rparallel_oper: 4, 7, 8, 9, 10.

RSVP: 5.

rtn_sym: 5, 6, 7, 8, 9, 10.

rule_info_: 5.

set_rc: 5.

start_token_: 5.

- ⟨ Rparallel_oper op directive 5 ⟩
- ⟨ Rparallel_oper subrule 1 op directive 7 ⟩
- ⟨ Rparallel_oper subrule 2 op directive 8 ⟩
- ⟨ Rparallel_oper subrule 3 op directive 9 ⟩
- ⟨ Rparallel_oper subrule 4 op directive 10 ⟩
- ⟨ Rparallel_oper user-declaration directive 6 ⟩

parallel_oper Grammar

Date: January 2, 2015 at 15:37

File: parallel_oper.lex Ns: NS_parallel_oper

Version: 1.0 Debug: false

Grammar Comments: Type: Thread

Lexer for Parallel operator: | | |.

561 element(s) in Lookahead Expression below

eolr - |

	Section	Page
Copyright	1	1
<i>parallel_oper</i> thread	2	2
Fsm Cparallel_oper class	3	2
<i>Rparallel_oper</i> rule	4	2
Rparallel_oper op directive	5	2
Rparallel_oper user-declaration directive	6	2
<i>Rparallel_oper</i> 's subrule 1	7	2
<i>Rparallel_oper</i> 's subrule 2	8	2
<i>Rparallel_oper</i> 's subrule 3	9	2
<i>Rparallel_oper</i> 's subrule 4	10	3
First Set Language for O_2^{linker}	11	4
Lr1 State Network	12	5
Index	13	7