

1. Copyright.

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2. *terminals_phrase* grammar.

Dispatcher to parse the terminals alphabet.

3. Fsm *Cterminals_phrase* class.4. *Cterminals_phrase* constructor directive.

```
<Cterminals_phrase constructor directive 4> ≡
    cweb_marker_ = 0;
```

5. *Cterminals_phrase* op directive.

```
<Cterminals_phrase op directive 5> ≡
    if (CWEB_MARKER ≠ 0) {
        cweb_marker_ = CWEB_MARKER;
        CWEB_MARKER = 0;
    }
```

6. *Cterminals_phrase* user-declaration directive.

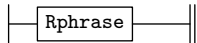
```
<Cterminals_phrase user-declaration directive 6> ≡
public: yacco2::AST * cweb_marker_;
```

7. *Cterminals_phrase* user-prefix-declaration directive.

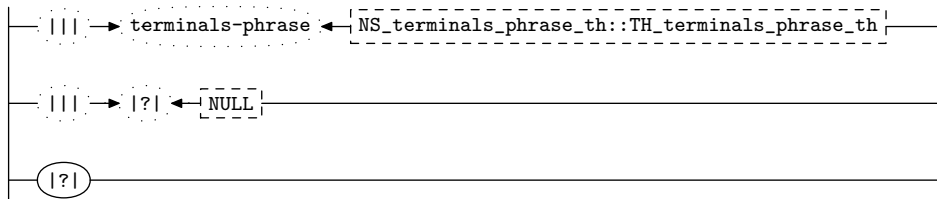
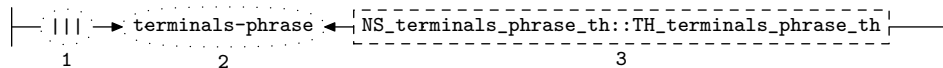
```
<Cterminals_phrase user-prefix-declaration directive 7> ≡
#include "terminals_phrase_th.h"
#include "o2_externs.h"
```

8. *Rterminals_phrase* rule.

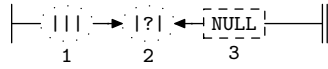
Rterminals_phrase

9. *Rphrase* rule.

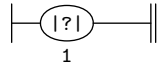
Rphrase

10. *Rphrase*'s subrule 1.

```
<Rphrase subrule 1 op directive 10> ≡
    ADD_TOKEN_TO_PRODUCER_QUEUE(*sf-p2_);
```

11. Rphrase's subrule 2.

⟨Rphrase subrule 2 op directive 11⟩ ≡
 ADD_TOKEN_TO_ERROR_QUEUE(*sf→p2_);

12. Rphrase's subrule 3.

⟨Rphrase subrule 3 op directive 12⟩ ≡
 CAbs_lr1_sym * sym = new Err_no_open_parenthesis;
 sym→set_rc(*rule_info→parser→current_token(), __FILE__, __LINE__);
 ADD_TOKEN_TO_ERROR_QUEUE(*sym);

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

```
/*
  File: terminals_phrase.fsc
  Date and Time: Fri Jan  2 15:33:59 2015
*/
transitive      y
grammar-name    "terminals_phrase"
name-space     "NS_terminals_phrase"
thread-name     "Cterminals_phrase"
monolithic     y
file-name      "terminals_phrase.fsc"
no-of-T        569
list-of-native-first-set-terminals 1
  LR1_questionable_shift_operator
end-list-of-native-first-set-terminals
list-of-transitive-threads 1
  NS_terminals_phrase_th::TH_terminals_phrase_th
end-list-of-transitive-threads
list-of-used-threads 1
  NS_terminals_phrase_th::TH_terminals_phrase_th
end-list-of-used-threads
fsm-comments
"Dispatcher to parse the terminals alphabet."
```

14. Lr1 State Network.

⇒					State: 1 state type: <i>s</i>			
←	rule	→	R# sr# Po	←	subrule element	→	Brn Gto Red LA	
c	Rphrase		2 3 1	?			1 2 2	
c	Rphrase		2 2 1	? NULL			1 3 4	
c	Rphrase		2 1 1	terminals_phrase NS_terminals_phrase_th::TH_terminals_phrase_th			1 3 5	
c	Rterminals_phrase		1 1 1	Rphrase			1 6 6	
⇒	?				State: 2 state type: <i>r</i>			
←	rule	→	R# sr# Po	←	subrule element	→	Brn Gto Red LA	
t	Rphrase		2 3 2				1 0 2 1	
⇒	arbitration_code: ε				State: 3 state type: <i>s</i>			
←	rule	→	R# sr# Po	←	subrule element	→	Brn Gto Red LA	
t	Rphrase		2 2 2	?			1 4 4	
t	Rphrase		2 1 2	terminals_phrase			1 5 5	
⇒	?				State: 4 state type: <i>r</i>			
←	rule	→	R# sr# Po	←	subrule element	→	Brn Gto Red LA	
t	Rphrase		2 2 3				1 0 4 1	
⇒	terminals_phrase				State: 5 state type: <i>r</i>			
←	rule	→	R# sr# Po	←	subrule element	→	Brn Gto Red LA	
t	Rphrase		2 1 3				1 0 5 1	
⇒	Rphrase				State: 6 state type: <i>r</i>			
←	rule	→	R# sr# Po	←	subrule element	→	Brn Gto Red LA	
t	Rterminals_phrase		1 1 2				1 0 6 1	

15. Index.

|||: 9.
|?|: 9.
__FILE__: 12.
__LINE__: 12.
ADD_TOKEN_TO_ERROR_QUEUE: 11, 12.
ADD_TOKEN_TO_PRODUCER_QUEUE: 10.
AST: 6.
CAbs_lr1_sym: 12.
current_token: 12.
CWEB_MARKER: 5.
cweb_marker_: 4, 5, 6.
Err_no_open_parenthesis: 12.
NS_terminals_phrase_th::TH_terminals_phrase_th: 9.■
NULL: 9.
parser_: 12.
p2_: 10, 11.
Rphrase: 9, 10, 11, 12.
Rphrase: 8.
Rterminals_phrase: 8.
rule_info_: 12.
set_rc: 12.
sf: 10, 11.
sym: 12.
terminals-phrase: 9.
terminals_phrase: 2.
yacco2: 6.

- ⟨ Cterminals_phrase constructor directive 4 ⟩
- ⟨ Cterminals_phrase op directive 5 ⟩
- ⟨ Cterminals_phrase user-declaration directive 6 ⟩
- ⟨ Cterminals_phrase user-prefix-declaration directive 7 ⟩
- ⟨ Rphrase subrule 1 op directive 10 ⟩
- ⟨ Rphrase subrule 2 op directive 11 ⟩
- ⟨ Rphrase subrule 3 op directive 12 ⟩

terminals_phrase Grammar

Date: January 2, 2015 at 15:39

File: terminals_phrase.lex

Ns: NS_terminals_phrase

Version: 1.0

Debug: false

Grammar Comments:

Type: Monolithic

Dispatcher to parse the terminals alphabet.

	Section	Page
Copyright	1	1
<i>terminals_phrase</i> grammar	2	2
Fsm Cterminals_phrase class	3	2
Cterminals_phrase constructor directive	4	2
Cterminals_phrase op directive	5	2
Cterminals_phrase user-declaration directive	6	2
Cterminals_phrase user-prefix-declaration directive	7	2
<i>Rterminals_phrase</i> rule	8	2
<i>Rphrase</i> rule	9	2
<i>Rphrase</i> 's subrule 1	10	2
<i>Rphrase</i> 's subrule 2	11	3
<i>Rphrase</i> 's subrule 3	12	3
First Set Language for O_2^{linker}	13	4
Lr1 State Network	14	5
Index	15	6