1.   Copyright.
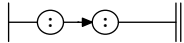
Copyright © Dave Bone 1998 - 2015

2.   *dbl_colon* grammar.
Recognizes the double colon sequence in the subrule's thread call. Why does it exist? Cuz of my distinction between regular grammar expressions and the thread calling type. So this is a word that is outside of identifier thread jurisdiction. i did generalize keywords a long time ago but refined it thru development.

3.   Fsm Cdbl_colon class.

4.   *Rdbl_colon* rule.

`Rdbl_colon`

5.   Rdbl_colon op directive.
⟨ Rdbl_colon op directive 5 ⟩ ≡
$rtn\_sym_{-} \!\rightarrow\! set\_rc(*rule\_info_{--}.parser_{--} \!\rightarrow\! start\_token_{--},$ `__FILE__`, `__LINE__`);
`RSVP`(rtn_sym_{-});
$rtn\_sym_{-} = 0;$
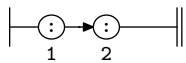
6.   Rdbl_colon user-declaration directive.
⟨ Rdbl_colon user-declaration directive 6 ⟩ ≡
public: $CAbs\_lr1\_sym * rtn\_sym_{-};$

7.   *Rdbl_colon*'s subrule 1.

⟨ Rdbl_colon subrule 1 op directive 7 ⟩ ≡
$rtn\_sym_{-} =$ **new** $T\_2colon;$

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

```
/*
 File: dbl_colon.fsc
 Date and Time: Fri Jan  2 15:33:32 2015
*/
transitive    n
grammar-name "dbl_colon"
name-space    "NS_dbl_colon"
thread-name   "TH_dbl_colon"
monolithic    n
file-name     "dbl_colon.fsc"
no-of-T       569
list-of-native-first-set-terminals 1
    raw_colon
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
"This one's for the thread's name :: lexer."
```

9.   Lr1 State Network.

$\Rightarrow$

←	rule	→	R#	sr#	Po	←
c	Rdbl_colon		1	1	1	:

State: 1 state type: ^{s}

	subrule element	→	Brn	Gto	Red	LA
			1	2	3	

$\Rightarrow^:$

←	rule	→	R#	sr#	Po	←
t	Rdbl_colon		1	1	2	:

State: 2 state type: ^{s}

	subrule element	→	Brn	Gto	Red	LA
			1	3	3	

$\Rightarrow^:$

←	rule	→	R#	sr#	Po	←
t	Rdbl_colon		1	1	3	

State: 3 state type: ^{r}

	subrule element	→	Brn	Gto	Red	LA
			1	0	3	1

10.   Index.

⟨ Rdbl_colon op directive 5 ⟩
⟨ Rdbl_colon subrule 1 op directive 7 ⟩
⟨ Rdbl_colon user-declaration directive 6 ⟩

dbl_colon Grammar

Date: January 2, 2015 at 15:35

File: dbl_colon.lex   Ns: NS_dbl_colon

Version: 1.0   Debug: false

Grammar Comments: Type: Thread

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

561 element(s) in Lookahead Expression below

$eolr - :$