

1. Spector Grammar.

David Spector

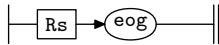
Full LR(1) Parser Generator ACM Sigplan Notices, 16(8), August 1981.

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2. Fsm Csp_2 class.

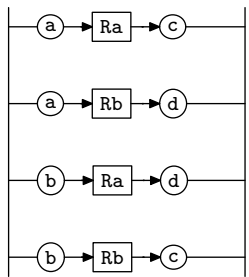
3. Rg rule.

Rg



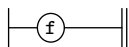
4. Rs rule.

Rs



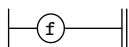
5. Ra rule.

Ra



6. Rb rule.

Rb



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

```
/*
  File: sp_2.fsc
  Date and Time: Fri Jan  2 09:49:43 2015
*/
transitive      n
grammar-name    "sp_2"
name-space      "NS_sp_2"
thread-name     "Csp_2"
monolithic      y
file-name       "sp_2.fsc"
no-of-T         569
list-of-native-first-set-terminals 2
  raw_a
  raw_b
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
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```

8. Lr1 State Network.

\Rightarrow						State: 1 state type: ^s		
\leftarrow	rule	\rightarrow	R#	sr#	Po	\leftarrow	subrule element	\rightarrow Brn Gto Red LA
c	Rs		2	1	1	a		1 2 4
c	Rs		2	2	1	a		1 2 6
c	Rs		2	3	1	b		1 7 9
c	Rs		2	4	1	b		1 7 11
c	Rg		1	1	1	Rs <u>eog</u>		1 12 13
\Rightarrow^a							State: 2 state type: ^s	
\leftarrow	rule	\rightarrow	R#	sr#	Po	\leftarrow	subrule element	\rightarrow Brn Gto Red LA
c	Ra		3	1	1	f		2 14 14
c	Rb		4	1	1	f		2 14 14
t	Rs		2	1	2	Ra <u>c</u>		1 3 4
t	Rs		2	2	2	Rb <u>d</u>		1 5 6
\Rightarrow^{Ra}							State: 3 state type: ^s	
\leftarrow	rule	\rightarrow	R#	sr#	Po	\leftarrow	subrule element	\rightarrow Brn Gto Red LA
t	Rs		2	1	3	c		1 4 4
\Rightarrow^c							State: 4 state type: ^r	
\leftarrow	rule	\rightarrow	R#	sr#	Po	\leftarrow	subrule element	\rightarrow Brn Gto Red LA
t	Rs		2	1	4			1 0 4 1
\Rightarrow^{Rb}							State: 5 state type: ^s	
\leftarrow	rule	\rightarrow	R#	sr#	Po	\leftarrow	subrule element	\rightarrow Brn Gto Red LA
t	Rs		2	2	3	d		1 6 6
\Rightarrow^d							State: 6 state type: ^r	
\leftarrow	rule	\rightarrow	R#	sr#	Po	\leftarrow	subrule element	\rightarrow Brn Gto Red LA
t	Rs		2	2	4			1 0 6 1
\Rightarrow^b							State: 7 state type: ^s	
\leftarrow	rule	\rightarrow	R#	sr#	Po	\leftarrow	subrule element	\rightarrow Brn Gto Red LA
c	Ra		3	1	1	f		7 15 15
c	Rb		4	1	1	f		7 15 15
t	Rs		2	3	2	Ra <u>d</u>		1 8 9
t	Rs		2	4	2	Rb <u>c</u>		1 10 11
\Rightarrow^{Ra}							State: 8 state type: ^s	
\leftarrow	rule	\rightarrow	R#	sr#	Po	\leftarrow	subrule element	\rightarrow Brn Gto Red LA
t	Rs		2	3	3	d		1 9 9
\Rightarrow^d							State: 9 state type: ^r	
\leftarrow	rule	\rightarrow	R#	sr#	Po	\leftarrow	subrule element	\rightarrow Brn Gto Red LA
t	Rs		2	3	4			1 0 9 1
\Rightarrow^{Rb}							State: 10 state type: ^s	
\leftarrow	rule	\rightarrow	R#	sr#	Po	\leftarrow	subrule element	\rightarrow Brn Gto Red LA
t	Rs		2	4	3	c		1 11 11

9. Index.

eog: 3.

Ra: 4.

Ra: 5.

Rb: 4.

Rb: 6.

Rg: 3.

Rs: 3.

Rs: 4.

sp_2 Grammar

Date: January 2, 2015 at 11:27

File: sp_2.lex

Ns: NS_sp_2

Version: 1.0

Debug: false

Grammar Comments:

Type: Monolithic

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