

1. Spector Grammar.

David Spector

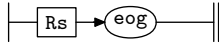
Full LR(1) Parser Generator ACM Sigplan Notices, 16(8), August 1981.

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2. Fsm Csp_2 class.

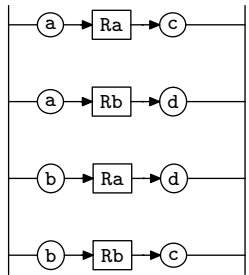
3. Rg rule.

Rg



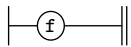
4. Rs rule.

Rs



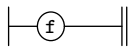
5. Ra rule.

Ra



6. Rb rule.

Rb



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

```
/*
  File: sp_2.fsc
  Date and Time: Sun Jun 15 11:38:51 2014
*/
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: June 15, 2014 at 15:01

File: sp_2.lex

Ns: NS_sp_2

Version: 1.0

Debug: false

Grammar Comments:

Type: Monolithic

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