

**1. Copyright.**

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

```
/*
  File: prt_fs_of_rules.fsc
  Date and Time: Fri Jan  2 15:33:49 2015
*/
transitive    n
grammar-name  "prt_fs_of_rules"
name-space    "NS_prt_fs_of_rules"
thread-name   "Cprt_fs_of_rules"
monolithic    y
file-name     "prt_fs_of_rules.fsc"
no-of-T       569
list-of-native-first-set-terminals 1
  rule_def
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
"Print first set per rule"
```

## 9. Lr1 State Network.

⇒					State: 1 state type: <sup>s</sup>		
←	<b>rule</b>	→	<b>R# sr# Po</b>	←	<b>subrule element</b>	→	<b>Brn Gto Red LA</b>
c	Rrule_def		3 1 1		rule-def		1 2 2
c	Rprt_first_set_rules		1 1 1		Rrules <u>eog</u>		1 3 4
c	Rrules		2 2 1		Rrules <u>Rrule_def</u>		1 3 5
c	Rrules		2 1 1		Rrule_def		1 6 6
⇒	<i>rule-def</i>				State: 2 state type: <sup>r</sup>		
←	<b>rule</b>	→	<b>R# sr# Po</b>	←	<b>subrule element</b>	→	<b>Brn Gto Red LA</b>
t	Rrule_def		3 1 2				1 0 2 1
⇒	<i>Rrules</i>				State: 3 state type: <sup>s</sup>		
←	<b>rule</b>	→	<b>R# sr# Po</b>	←	<b>subrule element</b>	→	<b>Brn Gto Red LA</b>
t	Rprt_first_set_rules		1 1 2		eog		1 4 4
c	Rrule_def		3 1 1		rule-def		3 2 2
t	Rrules		2 2 2		Rrule_def		1 5 5
⇒	<i>eog</i>				State: 4 state type: <sup>r</sup>		
←	<b>rule</b>	→	<b>R# sr# Po</b>	←	<b>subrule element</b>	→	<b>Brn Gto Red LA</b>
t	Rprt_first_set_rules		1 1 3				1 0 4 2
⇒	<i>Rrule_def</i>				State: 5 state type: <sup>r</sup>		
←	<b>rule</b>	→	<b>R# sr# Po</b>	←	<b>subrule element</b>	→	<b>Brn Gto Red LA</b>
t	Rrules		2 2 3				1 0 5 1
⇒	<i>Rrule_def</i>				State: 6 state type: <sup>r</sup>		
←	<b>rule</b>	→	<b>R# sr# Po</b>	←	<b>subrule element</b>	→	<b>Brn Gto Red LA</b>
t	Rrules		2 1 2				1 0 6 1

**10. Index.**

*eog*: 5.

*first\_set\_rules*: 2.

*prt\_fs\_of\_rules*: 2.

PRT\_RULE\_S\_FIRST\_SET: 7.

*p1\_*: 7.

*rdef*: 7.

*Rprt\_first\_set\_rules*: 5.

*Rrule\_def*: 6.

*Rrule\_def*: 7.

*Rrules*: 5, 6.

*Rrules*: 6.

*rule-def*: 7.

*rule\_def*: 7.

*sf*: 7.

< Cprt\_fs\_of\_rules user-prefix-declaration directive 4 >  
< Rrule\_def subrule 1 op directive 7 >

prt\_fs\_of\_rules Grammar

Date: January 2, 2015 at 15:38

File: prt\_fs\_of\_rules.lex

Ns: NS\_prt\_fs\_of\_rules

Version: 1.0

Debug: false

Grammar Comments:

Type: Monolithic

Print first set per rule

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