- §1 TS\_lab Grammar
- 1. Fsm CTS\_lab class.
- 2. Reol rule.

Reol

Rdelimiters

3. Rdelimiters rule.

Rdelimiters



#### FSM CTS\_LAB CLASS 1

## 4. First Set Language for $O_2^{linker}$ .

```
/*
File: TS_lab.fsc
Date and Time: Mon Sep 15 19:29:01 2014
*/
transitive n
grammar-name "TS_lab"
name-space "NS_TS_lab"
thread-name "TH_TS_lab"
monolithic n
            "TS_lab.fsc"
file-name
no-of-T
            569
list-of-native-first-set-terminals 2
  raw_lf
  raw_cr
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
"end-of-line recognizer"
```

§5 TS\_lab Grammar

#### 5. Lr1 State Network.

$\begin{array}{c}\Rightarrow\\ \leftarrow  rule\\ c \ Rdelimiters\\ c \ Rdelimiters\\ c \ Rdelimiters\\ c \ Reol \end{array}$	$\rightarrow$	R# 2 2 2 1	sr# 1 2 3 1	Po 1 1 1 1	← x0a x0d x0d Rdelimiters	State: 1 state type: <sup>s</sup> subrule element	$\rightarrow$	Brn 1 1 1 1	Gto 2 3 3 6	Red 2 4 5 6	LA
$\begin{array}{c} \Rightarrow^{x0a} \\ \leftarrow  \texttt{rule} \\ \texttt{t} \text{ Rdelimiters} \end{array}$	$\rightarrow$	<b>R#</b> 2	sr# 1	Ро 2	<i>←</i>	State: 2 state type: <sup>r</sup> subrule element	$\rightarrow$	Brn 1	Gto O		LA 1
$\Rightarrow^{x0d} \qquad \qquad$	$\rightarrow$	R# 2 2	sr# 2 3	Po 2 2	←  .  x0a	State: 3 state type: <sup>s</sup> subrule element	$\rightarrow$	Brn 1 1	Gto 4 5	<b>Red</b> 4 5	LA
$ \begin{array}{c} \Rightarrow   \cdot   \\ \leftarrow  \text{rule} \\ \text{t Rdelimiters} \end{array} $	$\rightarrow$	R# 2	sr# 2	Ро 3	$\leftarrow$	State: 4 state type: <sup>r</sup> subrule element	$\rightarrow$	Brn 1	Gto O		LA 1
$\begin{array}{c} \Rightarrow^{x0a} \\ \leftarrow  \texttt{rule} \\ \texttt{t} \text{ Rdelimiters} \end{array}$	$\rightarrow$	R# 2	sr# 3	Ро 3	<del>~</del>	State: 5 state type: <sup>r</sup> subrule element	$\rightarrow$	Brn 1	Gto O	$\begin{array}{c} \operatorname{Red} \\ 5 \end{array}$	<b>LA</b> 1
$\Rightarrow^{Rdelimiters} \leftarrow \texttt{rule} \\ \texttt{t} \text{ Reol}$	$\rightarrow$	<b>R#</b> 1	<b>sr#</b> 1	Ро 2	<i>←</i>	State: 6 state type: <sup>r</sup> subrule element	$\rightarrow$	Brn 1	Gto O	Red	<b>LA</b> 1

4 INDEX

## 6. Index.

### TS\_lab Grammar

Date: September 16, 2014 at 15:03

File: TS\_lab.lex Ns: NS\_TS\_lab

Version: 1.0

Debug: true

Grammar Comments:

Type: Thread

end-of-line recognizer

# 4 element(s) in Lookahead Expression below

a + b + - + + - - + -

	Sectio	n Page
Fsm CTS_lab class		1 1
Reol rule		2 1
Rdelimiters rule		3 1
First Set Language for $O_2^{linker}$	• • • • • • •	4 2
Lr1 State Network		5 3
Index		6 4