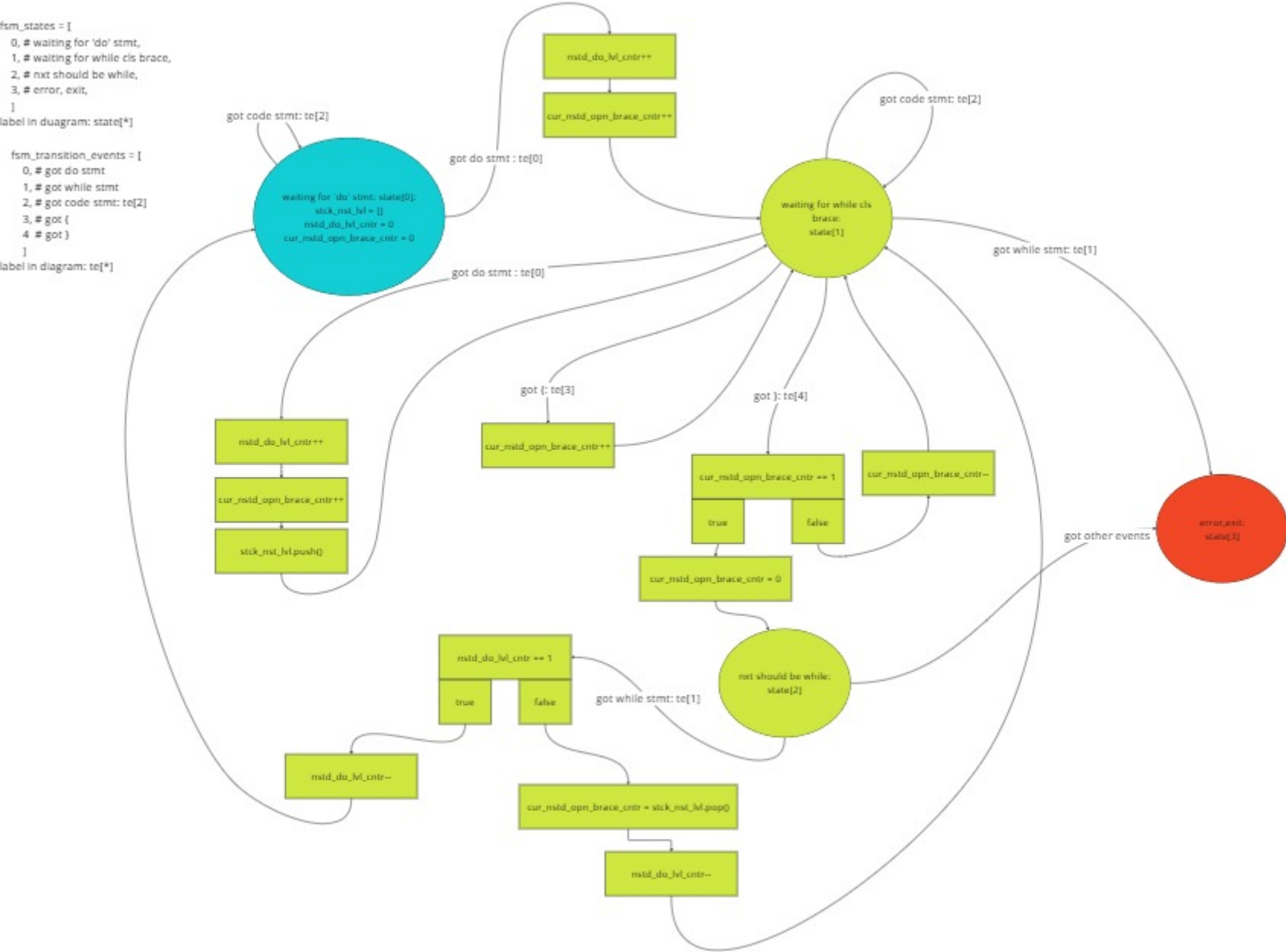


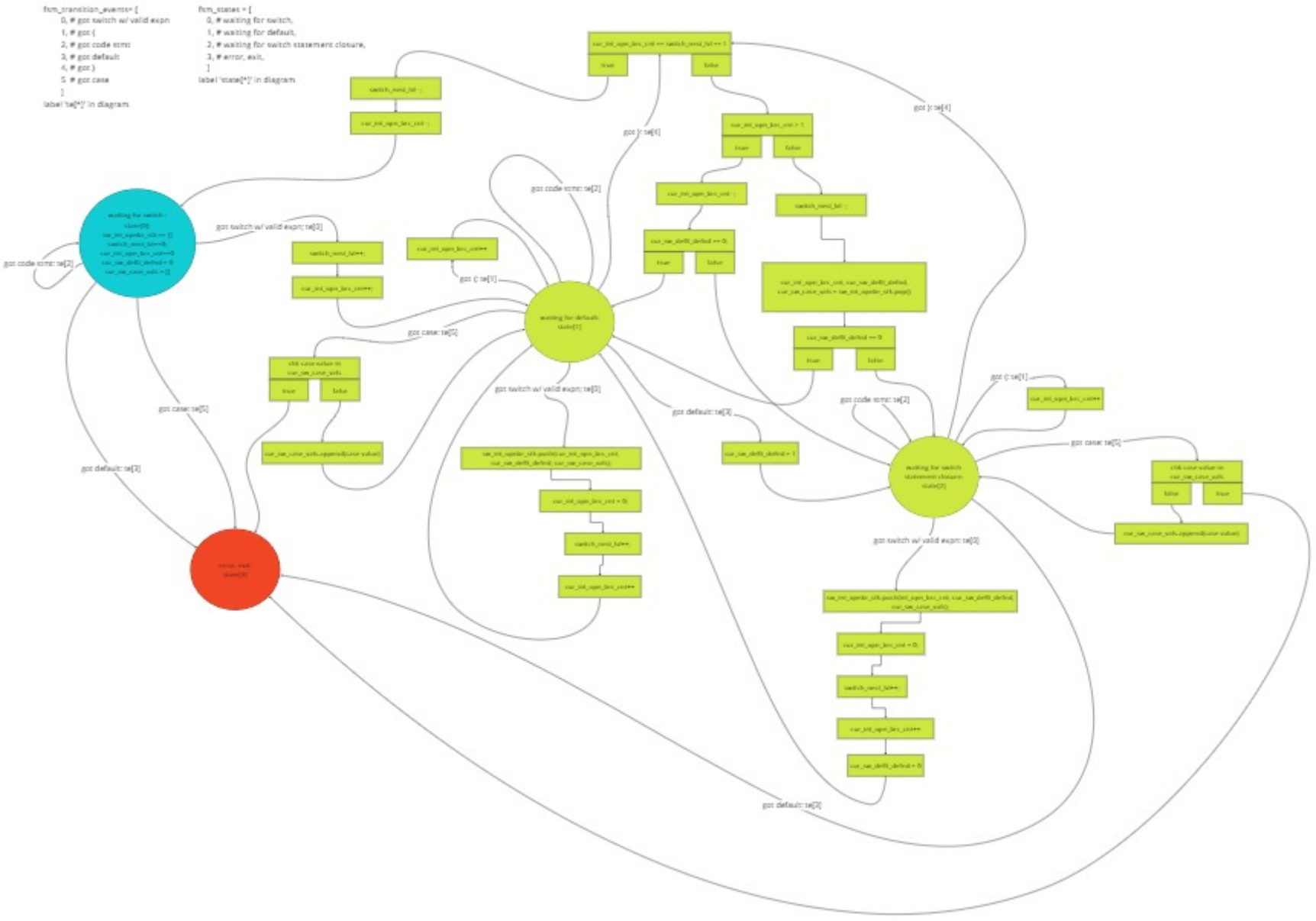
fsm\_states = [  
 0, # wait for while/for stmt:  
 1, # wait for while cls brace:  
 ]  
 label in diagram: state[\*]

fsm\_transition\_events = [  
 0, # got while/for stmt  
 1, # got {:  
 2, # got code stmt:  
 3, # got }:  
 ]  
 label in diagram: te[\*]

fsm\_states = [  
0, # waiting for 'do' stmt: state[0],  
1, # waiting for while cls brace,  
2, # nxt should be while,  
3, # error, exit,  
]  
label in diagram: state[\*]

fsm\_transition\_events = [  
0, # got do stmt  
1, # got while stmt  
2, # got code stmt: te[2]  
3, # got {  
4, # got }  
]  
label in diagram: te[\*]





```
fsm_transition_events = [
0, #'if with '
1, #'any code stmt
2, #'nested if
3, #'got '}'
4, #'got else if
5, #'got else
]
label in diagram: te[*]
```

```
fsm_states = [0, #'waiting for if ',
1, #'next can be else or else if',
2, #'waiting for else cls brace',
3, #'waiting for else if cls brace',
4, #'waiting for if cls brace',
5, #'error, exit'
]
label in diagram: state[*]
```

