```
arch
+ state type
+ current state
+ next state
+ pct buff rdy int
+ pct_buff_sel
+ pct size rd limit
+ rd cnt
+ rd end
+ PROCESS 529()
+ PROCESS 530()
+ in reg0()
+ PROCESS 531()
+ PROCESS 532()
+ fsm f()
+ fsm()
+ out reg1()
+ out_reg2()
+ PROCESS 533()
```