spin -a wsq.pml
gcc -DMEMLIM=1024 -O2 -DXUSAFE
-DSAFETY -DNOCLAIM -w -o pan pan.c
./pan -m10000 -n
Pid: 3381

(Spin Version 6.2.4 -- 8 March 2013)
        + Partial Order Reduction

Full statespace search for:
        never claim   - (not selected)
        assertion violations +
        cycle checks   - (disabled by
-DSAFETY)
        invalid end states   +

State-vector 716 byte, depth reached 997, errors:
0
  647425 states, stored
  867533 states, matched
  1514958 transitions (= stored+matched)
  6995555 atomic steps
hash conflicts: 6922 (resolved)

Stats on memory usage (in Megabytes):
  459.370   equivalent memory usage for
states (stored*(State-vector + overhead))
  429.862   actual memory usage for states
(compression: 93.58%)
        state-vector as stored = 668 byte + 28
byte overhead
  128.000   memory used for hash table
(-w24)
    0.534   memory used for DFS stack
(-m10000)
    2.421   memory lost to fragmentation
  555.976   total actual memory usage

pan: elapsed time 4.56 seconds
No errors found -- did you verify all claims?

spin -a wsq_reduced_tso.pml
gcc -DMEMLIM=1024 -O2 -DXUSAFE
-DSAFETY -DNOCLAIM -w -o pan pan.c
./pan -m10000 -n
Pid: 3610

(Spin Version 6.2.4 -- 8 March 2013)
        + Partial Order Reduction

Full statespace search for:
        never claim   - (not selected)
        assertion violations +
        cycle checks   - (disabled by
-DSAFETY)
        invalid end states   +

State-vector 652 byte, depth reached 812, errors:
0
  428469 states, stored
  539815 states, matched
  968284 transitions (= stored+matched)
  4252571 atomic steps
hash conflicts: 2721 (resolved)

Stats on memory usage (in Megabytes):
  277.862   equivalent memory usage for
states (stored*(State-vector + overhead))
  255.573   actual memory usage for states
(compression: 91.98%)
        state-vector as stored = 597 byte + 28
byte overhead
  128.000   memory used for hash table
(-w24)
    0.534   memory used for DFS stack
(-m10000)
  383.905   total actual memory usage

pan: elapsed time 2.62 seconds
No errors found -- did you verify all claims?