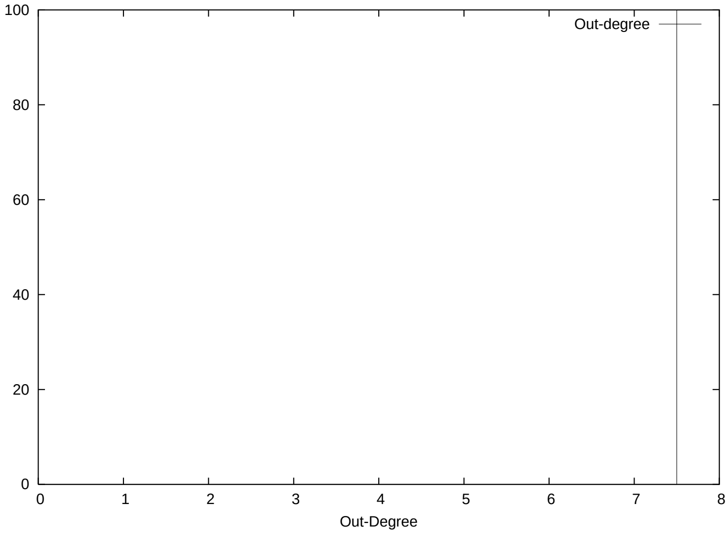
Graph: maso/pako

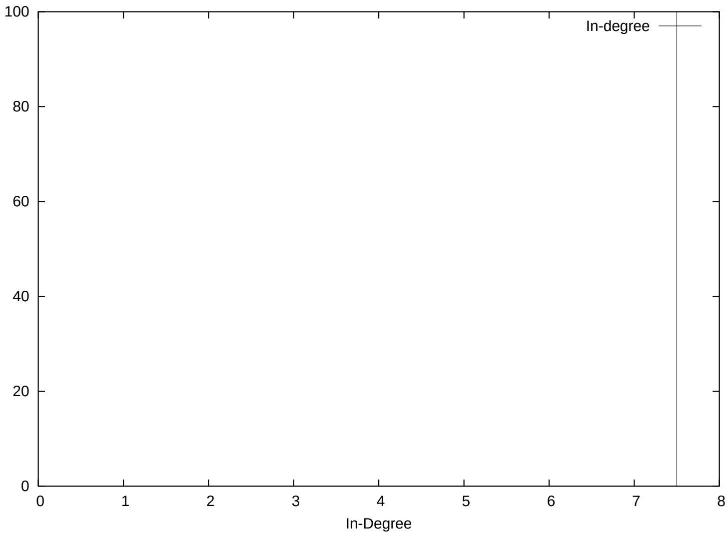
General Info

Example title	Aquarium example
Parameter	
Reduction	
Modification	
States	6,561
Edges	52,488
Average degree	8

Out-Degrees distribution:



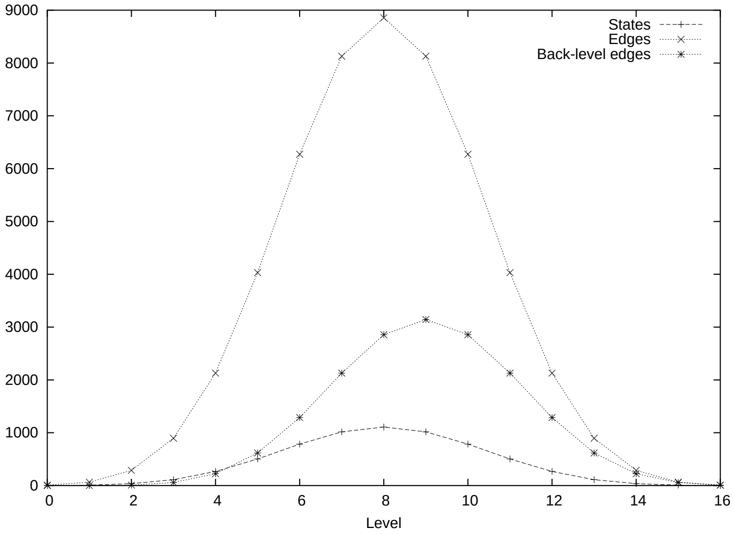
In-Degrees distribution:



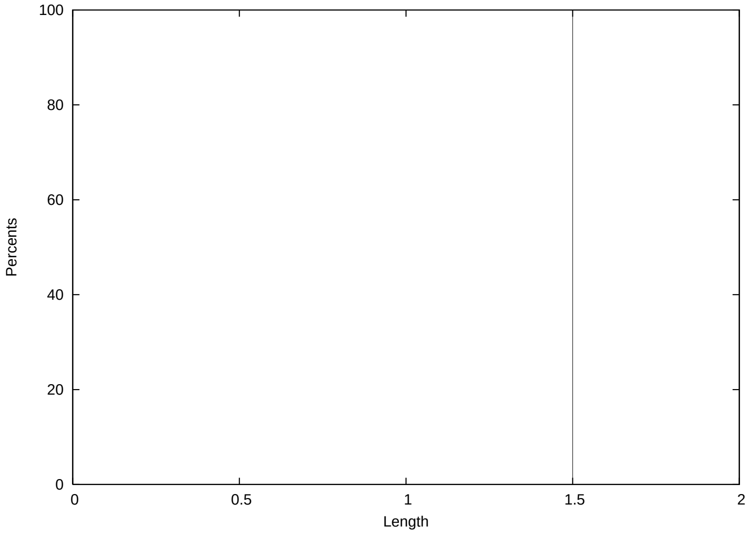
BFS Info

BFS height	16
BFS width	1,107 (16.8%)
Back level edges	17,496 (33.3%)

BFS level info:



Back level edges lengths:



SCC Info

SCC components	1
SCC quetient height	0
SCC quetient nontrivial height	0
Number of terminal components	1
The largest component is	initial the only terminal

Statistics according to **sizes**:

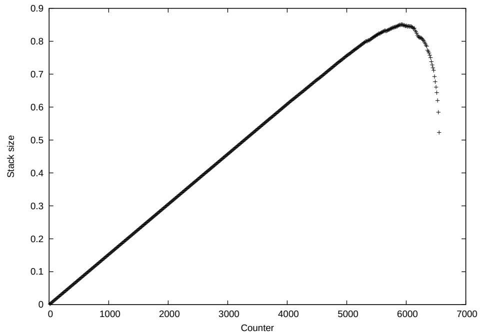
Size	Number of components	Number of states here
6,561	1	100%

SCC component graph (part):

DFS Info

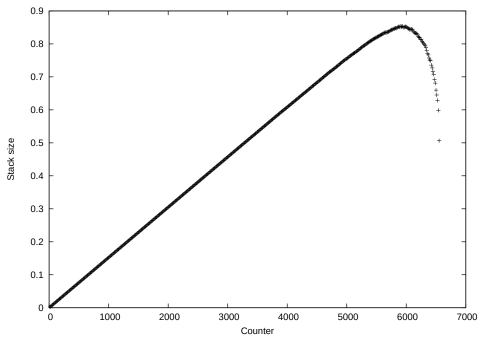
Run 0

front-edges : back-edges : cross-edges = 6,560 : 23,548 : 22,380 = 12.4%:44.8%:42.6%
Max. stack size: 5,583 (85%)
Shortest cycle detected: 3
Most often detected lengths of cycles: 3 (813), 6 (101), 399 (39), 375 (38), 411 (37)
Stack graph:



Run 1

front-edges : back-edges : cross-edges = 6,560 : 23,599 : 22,329 = 12.4%:44.9%:42.5%
Max. stack size: 5,599 (85.3%)
Shortest cycle detected: 3
Most often detected lengths of cycles: 3 (785), 6 (90), 297 (35), 549 (34), 9 (34)
Stack graph:



Local Structure

Short cycles(up to 6)

2	0	(0%)
3	6,561	(100%)

Diamonds

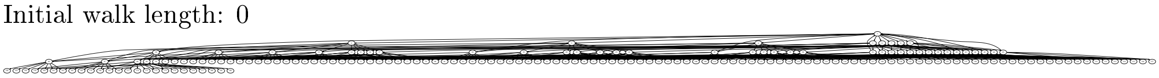
6,561 (100%)

Neighborhoods

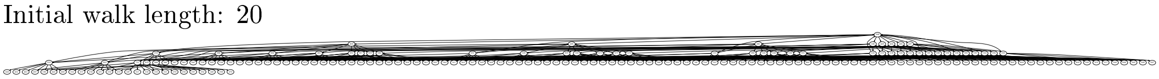
k	avg size	avg clustering
1	9	1
2	45	1.6
3	157	2.3
4	423	2.9

Visualization of some parts of the state state space:

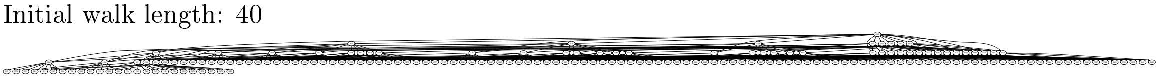
Initial walk length: 0



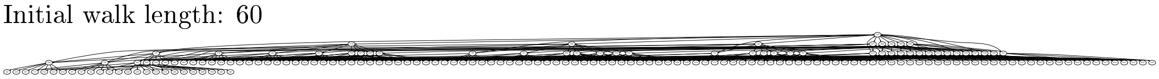
Initial walk length: 20



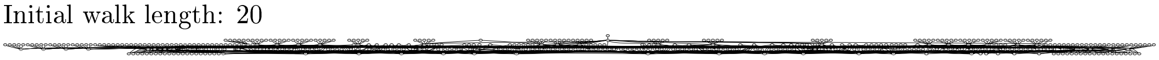
Initial walk length: 40



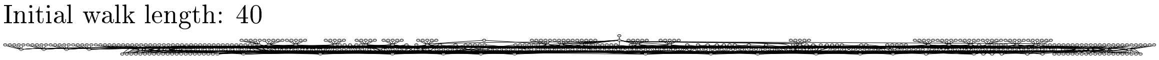
Initial walk length: 60



Initial walk length: 20



Initial walk length: 40



Initial walk length: 60