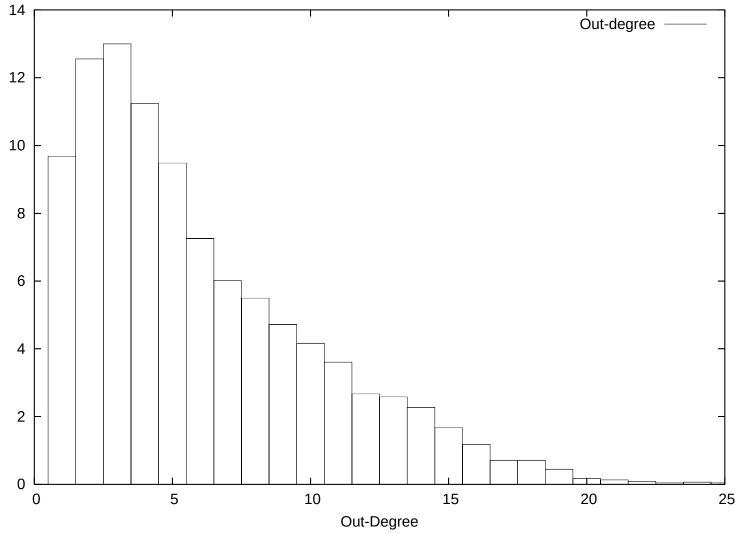
Graph: other/words

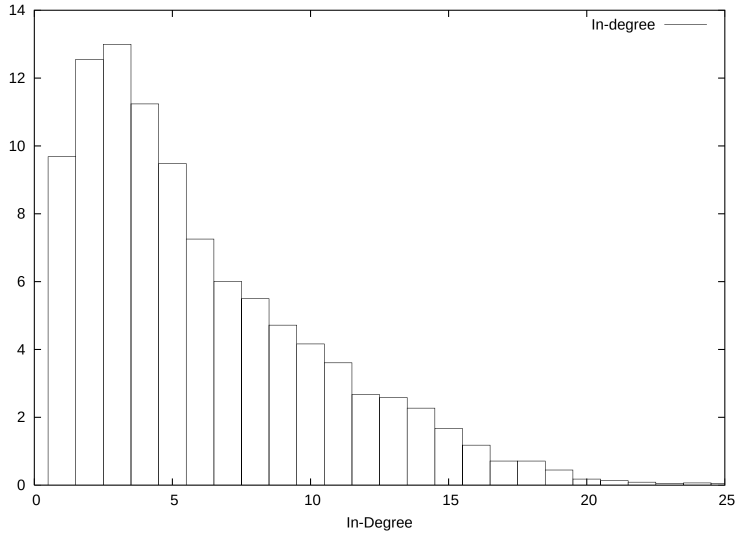
General Info

Example title	Five Letter Words
Parameter	
Reduction	
Modification	
States	4,493
Edges	27,238
Average degree	6

Out-Degrees distribution:



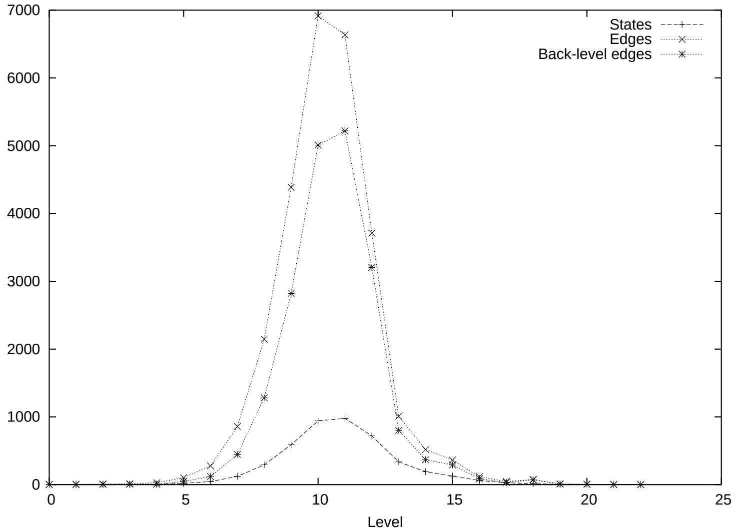
In-Degrees distribution:



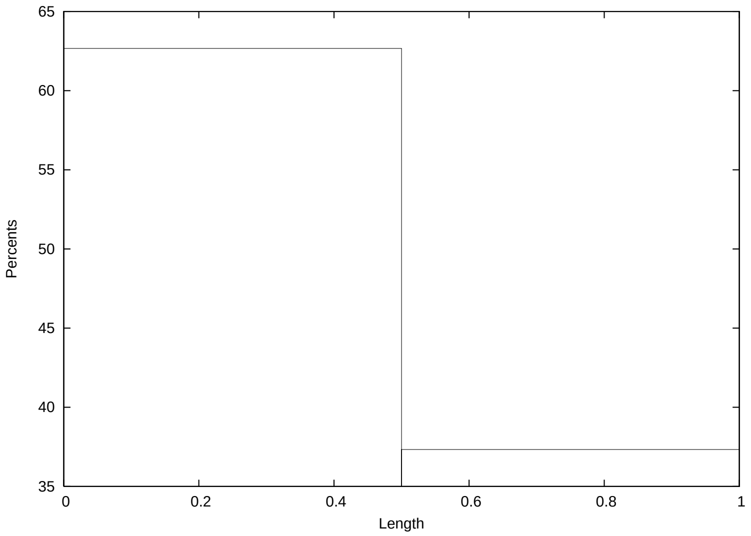
BFS Info

BFS height	22
BFS width	978 (21.7%)
Back level edges	19,834 (72.8%)

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**:

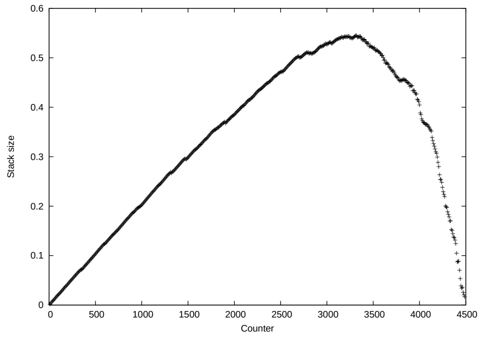
Size	Number of components	Number of states here
4,493	1	100%

SCC component graph (part):

DFS Info

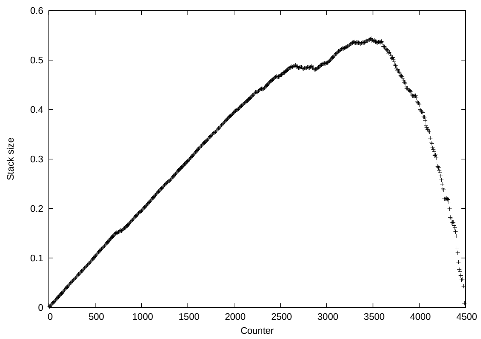
Run 0

front-edges : back-edges : cross-edges = 4,492 : 13,619 : 9,127 = 16.4%:50%:33.5%
Max. stack size: 2,453 (54.5%)
Shortest cycle detected: 2
Most often detected lengths of cycles: 2 (4492), 3 (1027), 4 (377), 5 (220), 6 (162)
Stack graph:



Run 1

front-edges : back-edges : cross-edges = 4,492 : 13,619 : 9,127 = 16.4%:50%:33.5%
Max. stack size: 2,444 (54.3%)
Shortest cycle detected: 2
Most often detected lengths of cycles: 2 (4492), 3 (1049), 4 (412), 5 (218), 6 (147)
Stack graph:



Local Structure

Short cycles(up to 6)

2	4,493	(100%)

Diamonds

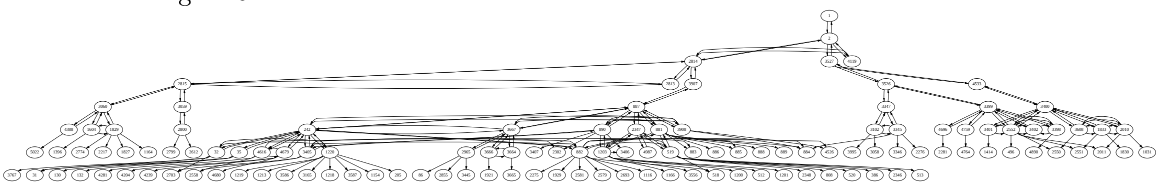
4,058 (90.3%)

Neighborhoods

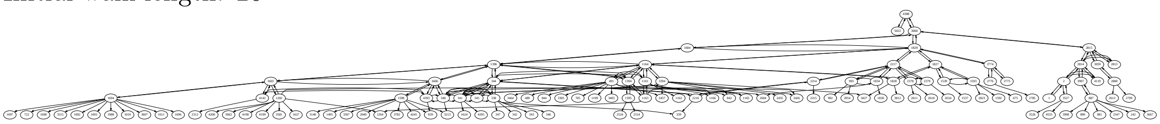
k	avg size	avg clustering
1	7	1
2	34.3	1.7
3	125.9	2.2
4	345.2	2.8

Visualization of some parts of the state state space:

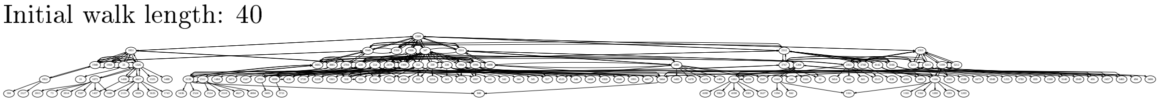
Initial walk length: 0



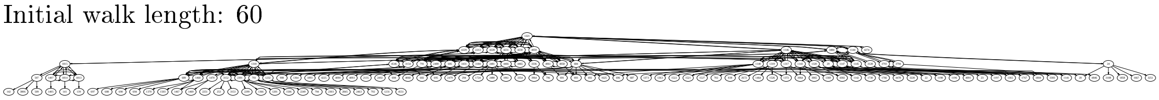
Initial walk length: 20



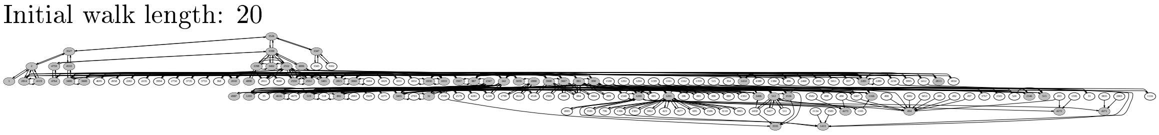
Initial walk length: 40



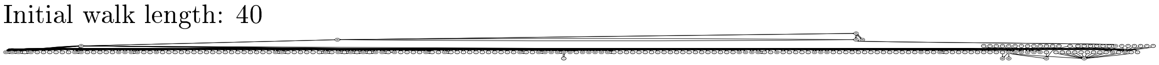
Initial walk length: 60



Initial walk length: 20



Initial walk length: 40



Initial walk length: 60