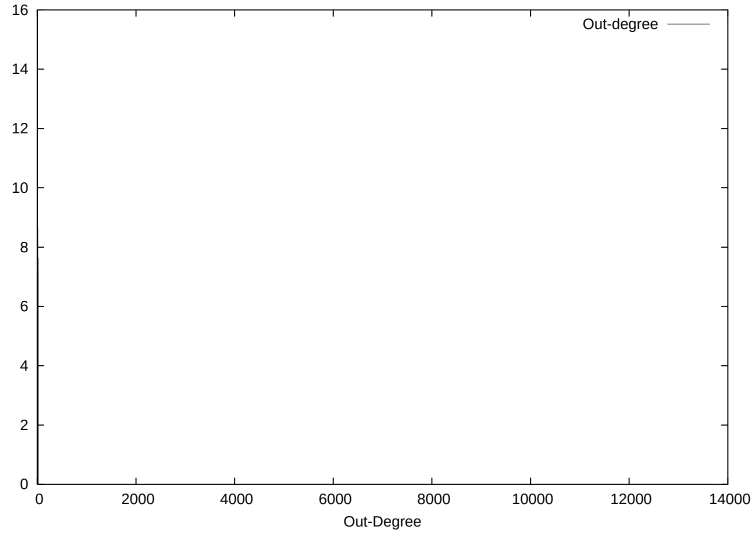
Graph: cadp/vasy_66_1302

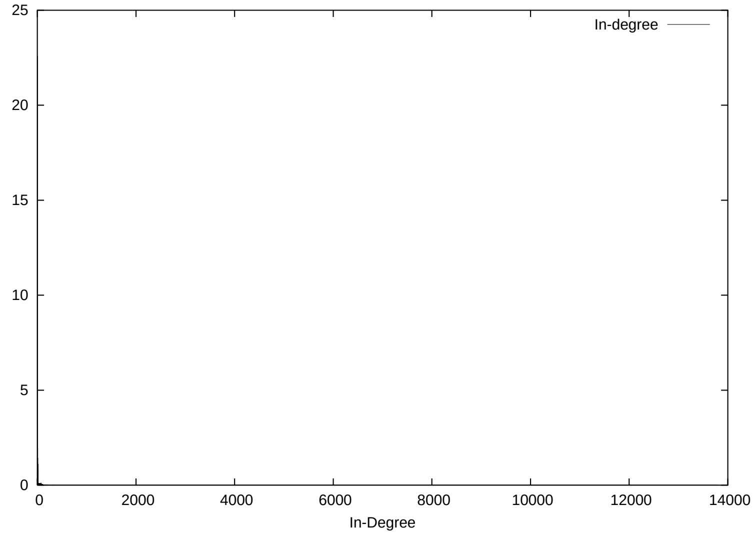
General Info

Example title	VLTS benchmark suite
Parameter	
Reduction	
Modification	
States	66,929
Edges	516,234
Average degree	7.7

Out-Degrees distribution:



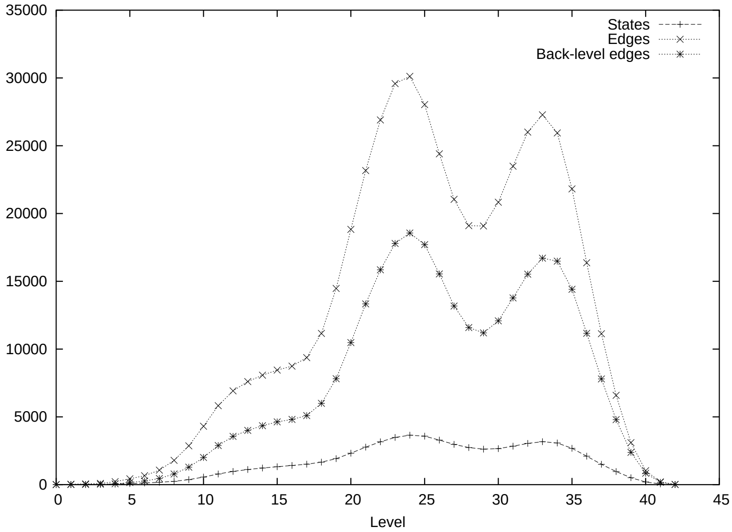
In-Degrees distribution:



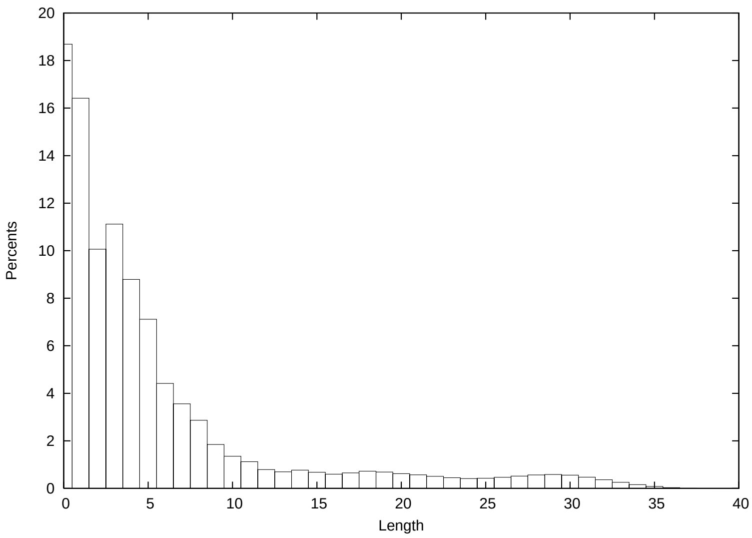
BFS Info

BFS height	42
BFS width	3,646 (5.4%)
Back level edges	309,598 (59.9%)

BFS level info:



Back level edges lengths:



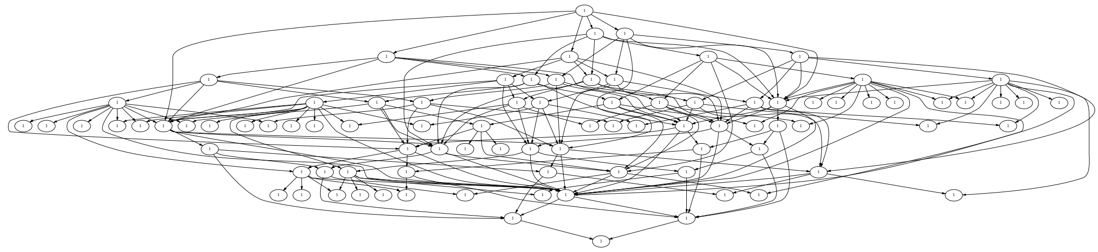
SCC Info

SCC components	66,929
SCC quetient height	80
SCC quetient nontrivial height	0
Number of terminal components	16
The largest component is	terminal

Statistics according to **sizes**:

Size	Number of components	Number of states here
1	66,929	100%

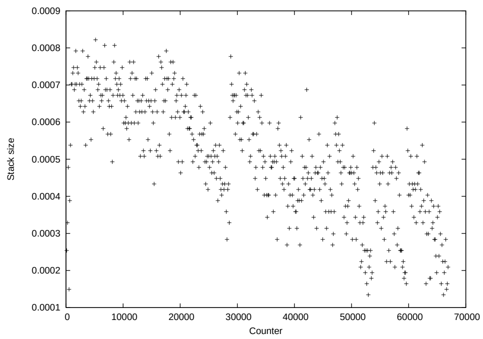
SCC component graph (part):



DFS Info

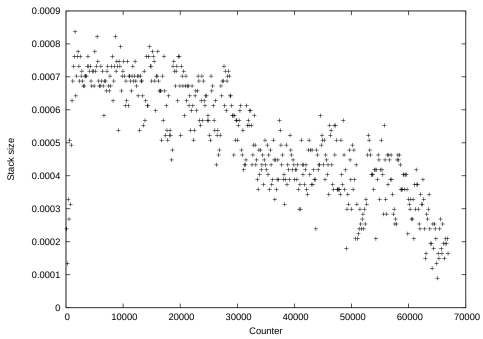
Run 0

front-edges : back-edges : cross-edges = 66,928 : 0 : 449,306 = 12.9%:0%:87%
Max. stack size: 58 (0%)
Shortest cycle detected: -1
Most often detected lengths of cycles: (), (), (), (), ()
Stack graph:



Run 1

front-edges : back-edges : cross-edges = 66,928 : 0 : 449,306 = 12.9%:0%:87%
Max. stack size: 59 (0%)
Shortest cycle detected: -1
Most often detected lengths of cycles: (), (), (), (), ()
Stack graph:



Local Structure

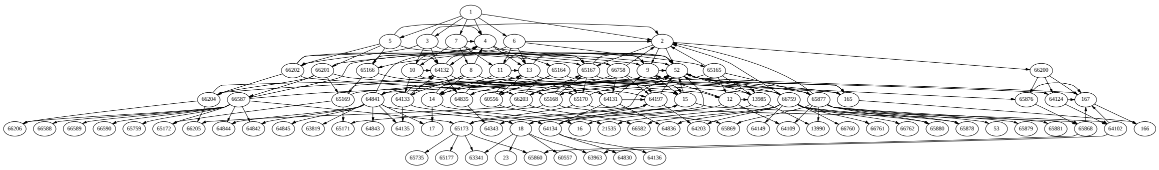
Short cycles(up to 6)
none
Diamonds

66,123 (98.7%)

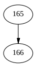
Neighborhoods

k	avg size	avg clustering
1	8.7	1
2	33.4	1.6
3	82.5	2.2
4	159.5	2.7

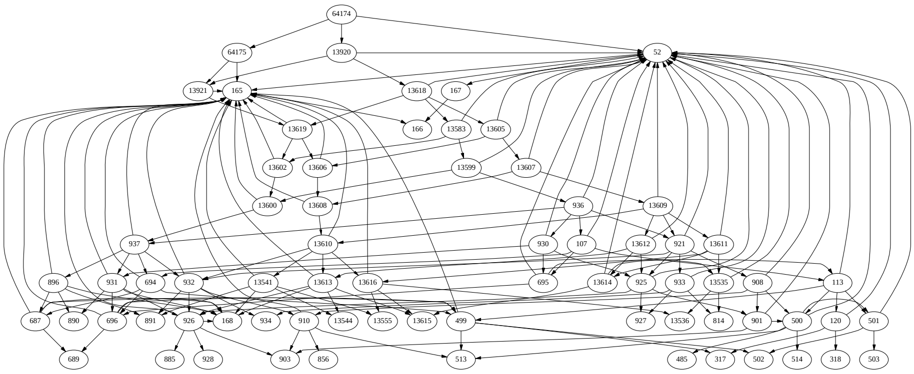
Visualization of some parts of the state state space:
Initial walk length: 0



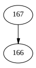
Initial walk length: 20



Initial walk length: 40



Initial walk length: 60



Initial walk length: 20

Initial walk length: 40

Initial walk length: 60