

Table 1: Benchmark Comparison between Parf and FDMT

Benchmark Info			Parf Performance						FDMT Performance	
Name	LOC	Source	5# T	5# A	15# T	15# A	30# T	30# A	Time(s)	Alarms
khash	660	OSCS	<u>19.77</u>	<u>2</u>	4.66	2	53.39	2	0.79	<u>2</u>
semver	1532	OSCS	292.10	26	<u>862.65</u>	<u>22</u>	1483.06	25	145.63	<u>22</u>
CWE121	274	Juliet	<u>6.18</u>	<u>1</u>	6.17	1	6.67	1	0.28	<u>1</u>
CWE126	256	Juliet	5.98	1	<u>5.88</u>	<u>1</u>	5.95	1	0.28	<u>1</u>
code_1974	645	the-stack	<u>145.65</u>	<u>2</u>	880.82	2	1090.95	2	9.03	2
tweetnacl-usable	1204	OSCS	290.26	26	<u>889.93</u>	<u>26</u>	1471.36	25	27.34	<u>26</u>
icpc	1302	OSCS	293.96	1	891.27	1	1070.90	1	4.76	5
jsmn	813	OSCS	325.89	1	572.91	1	1073.92	1	29.38	28
kilo	1276	OSCS	300.78	446	893.81	448	1487.97	440	3124.13	424
solitaire	338	OSCS	297.71	18	896.91	18	1427.03	18	14.01	21
code_2819	119	the-stack	266.28	36	879.13	36	1499.77	36	9.45	59
code_3401	293	the-stack	266.23	10	882.39	10	1484.71	10	32.49	11