

Date	version	metric	intro one	change	fast one	change	combinatorial one	change	hidden one	change
2023/09/01	blockv1	compression ratio	0%	/	0.00%	/	0%	/	/	/
2023/09/01	blockv1	speed	23.95%	/	23.80%	/	4.61%	/	/	/
2023/09/15	blockv2 [1]	compression ratio	0%	0%	0.00%	0.00%	0.00%	0.00%	/	/
2023/09/15	blockv2 [2]	speed	24.46%	0.51%	2.10%	-21.70%	4.74%	0.13%	/	/
2023/09/15	RLE [3]	compression ratio	72.10%	72.10%	43.44%	43.44%	92.49%	92.49%	/	/
2023/09/15	RLE	speed	23.82%	-0.64%	26.02%	23.92%	2.79%	-1.95%	/	/
2023/09/14	2dv1	compression ratio	89.87%	17.77%	65.40%	21.96%	98.66%	6.17%	cancelled	/
2023/09/14	2dv1	speed	26.02%	2.07%	24.84%	1.04%	2.74%	-0.05%	cancelled	/
2023/09/15	2dv2 [4]	compression ratio	89.87%	0.00%	65.40%	0.00%	98.66%	0.00%	cancelled	/
2023/09/15	2dv2	speed	26.76%	0.74%	24.95%	0.11%	2.79%	0.05%	cancelled	/
2023/09/15	2dv3 [5]	compression ratio	89.87%	0.00%	65.40%	0.00%	98.66%	0.00%	cancelled	/
2023/09/15	2dv3	speed	25.01%	-1.75%	2.85%	-22.10%	2.75%	-0.04%	cancelled	/

[1] read input change
with buffer cleaning

[2] read input change
with buffer cleaning

[3] rle only on line

[4] this version we modified the while loop of the plane compress to make it stop earlier and output earlier

[5] 2d compression with the read input adjustment