

Fast data algorithms

From: jolynch.github.io/posts/use_fast_data_algorithms

Use case	Bad Performance	Good Performance	Performance Gain
Trusted data hashing	md5, sha2, crc32	xxhash	~10x
Untrusted data hashing	md5, sha2, sha1	blake3	~10x
Fast compression	snappy, gzip (zlib)	lz4	10x over gzip~2x over snappy
Good compression	gzip (zlib)	zstd	~2-10x
Best compression	xz (lzma)	zstd -10+	~2-10x