

Table 1: Comparison of the JSON, MessagePack, and Accelsim trace instruction serialization formats w.r.t. size and deserialization speed. The unit KI corresponds to kilo (1000) trace instructions.

	Size	Deserialization speed	
	MiB/KI	MiB/sec	KI/sec
Accelsim	0.24	64.35	320.24
Json	1.52	502.79	331.29
MessagePack	0.14	180.42	1257.99