

Fig. 1. Benchmark-De/Serialize

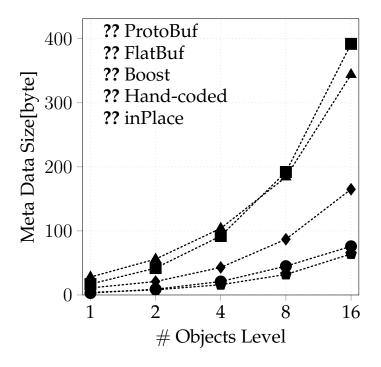


Fig. 2. Benchmark-Deserialize

## Understanding and Benchmarking the Impact of Complex Object Implementations for Big Data Systems

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Abstract—
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