

# LSDSuite: Evaluation Framework for Large-Scale Distributed Systems

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Testing large-scale distributed systems is a difficult task. Many testing frameworks attempt to alleviate these difficulties, but are often lacking in scalability, flexibility or ease-of-use. We present LSDSuite, an evaluation framework for largescale distributed systems. Based on Docker Swarm, and using containers as unit of execution, it aims at offering a simple and flexible way of designing experiments, and is capable of scaling to thousands of concurrent tasks. An overview of its features is given, as well as a more in-depth look into the framework's architecture. Finally, an example experiment is demonstrated, showcasing LSDSuite's capabilities.

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