

Performance Estimation and Mapping of Structured Data to Object Storage

Contact:
Jakob Lüttgau
luettgau@dkrz.de

Abstract

Object storage is used for highly efficient data storage when the overhead of file system features is unwanted. The technology is popular in cloud environment due to its scalability, but is also becoming more and more relevant for HPC applications. As part of this project/thesis you would learn about object storage systems and interfaces (such as S3, Swift, Librados) and design and develop a mapping including a performance model for structured data.