

# Formal Data Center Description Format for Site-Aware Middleware

Contact:  
Jakob Lüttgau  
luettgau@dkrz.de

## **Abstract**

Data centers are getting more and more complex, but a standardized description format for data centers is missing. Instead, topological details are undocumented or scattered across different configuration files or only accessible through special tools. With a focus on data/storage services, in this project/thesis, you would design a description format to describe a data center and also develop a reference implementation for a C library that can be used to parse and query the data center description.