Formal Description Format for Tunables in Heteoregenous Storage Environments

Contact:
Jakob Lüttgau
luettgau@dkrz.de

Abstract

Subsystems (hardware or software) provide many configuration options which allow to fine-tune the system depending on the application. In this project/thesis, you would develop an abstraction to describe tunables including allowed parameters provided by local and distributed storage systems. You would then design and implement a reference library in C to parse and query these tunables.