Chameleon is a real-time network controller that guarantees packet latencies for admitted flows. However, Chameleon is designed to work in high performance environments. For research and development, a different approach that offers more debugging and extension capabilities would suit us better.

Goals:

- Create Real-time Network Controller
- Controller needs to be easy to debug
- Controller needs to be easy to extend
- Controller needs to have good logging and tracing

Requirements:

- Advanced Knowledge of C/C++
- Advanced Knowledge of Python

Please contact me for more information (philip.diederich@tum.de)


Advisors

Philip Diederich