Advancing Real-time Network Simulations to Real World Behaviour

Testing real-time application and networks is very timing sensitive. It is very hard to get this precision and accuracy in the real-world. However, the real-world itself also behaves different than simualtions. Our Simulator behaves like the theory dictates and allows us to get these precise timing, but needs to be tested and extended to behave more like a real-network would.

Requirements

- Knowledge of NS-3
- Knowledge of Python
- Knowledge of C/C++

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

Advisors

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