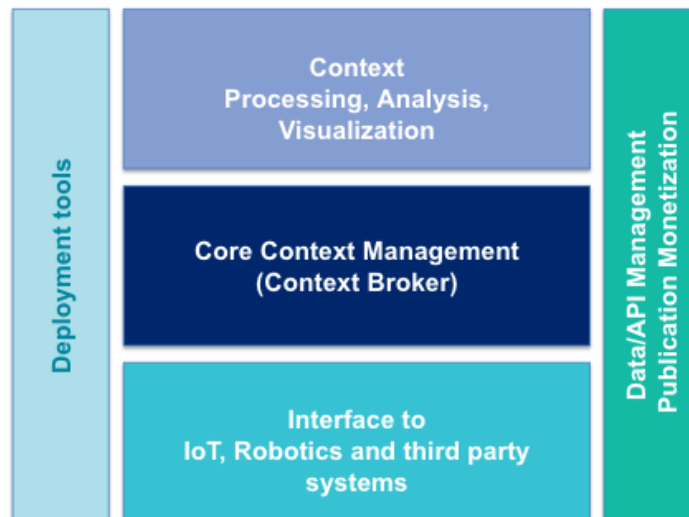


“IoT Cloud Platform benchmarking”

Project Topic in OS Kommunikationssysteme WS 2019/20



Summary: Around 29 billion connected devices are forecast by 2022, of which around 18 billion will be related to Internet of Things (IoT). The IoT, enabled by the already ubiquitous Internet technology, is the next major step in delivering Internet’s promise of making the world a connected place. And to have a high performance cloud infrastructure become a very critical. The aim of this project is to do a benchmark tests on Cloud platform for Energy market.

Components to learn: Docker, Python, MQTT, Sensors.

Requirements: Basic knowledge on Python, analytical skills.

Steps of the project to go through:

Learn about Cloud platform and IoT devices

Develop set of test scenarios

Setup environment

Run the tests

Keywords: Python, IoT, Benchmark, Sensors, Docker.

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