Getting Started in oneM2M

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oneM2M Architecture Quick Introduction
oneM2M Open Source Implementations

CSE Implementations
• [ACME] oneM2M CSE
• KETI Mobius
• Eclipse OM2M
• tinyIoT (TBA)

Software Development Kits
• ATIS Open Source - IoT
• Arduino oneM2M connectivity libraries
• …
# Introduction to the [ACME] oneM2M CSE

## What

- Open Source oneM2M CSE implementation
- Written in Python
- BSD-3 Clause License
- Stand-alone, hosted, or embeddable, e.g. in Jupyter Notebooks

## Why

- Provide a portable and easy-to-use implementation for educational purposes
- Help to improve the oneM2M standard and test suite
- Provide a testbed for new oneM2M features
Live Demo

Installation
Live Demo Set-up
Sensors & Actuators

Node 1
WemosD1
Sensors
Actuator

Application Entity

Node 2
WemosD1
Button

Application Entity

Common Services Entity

Mca
over http
Live Demo

Sensors & Actuators
Links & Resources

[ACME] oneM2M CSE
https://github.com/ankraft/ACME-oneM2M-CSE

“Starting with oneM2M” Tutorials

Develop with oneM2M
https://onem2m.org/using-onem2m/developers
Thank you