

Tiny oneM2M C Language API

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ABSTRACT

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1. Introduction

OneM2M is a standards organization that was established in 2012 to provide a common platform for Machine-to-Machine (M2M) and Internet of Things (IoT) communication. M2M refers to the direct communication between devices or machines, without the need for human intervention. This type of communication enables the seamless transfer of data and information, which is critical for various applications, including remote monitoring, control, and automation.

Machine Type Communication (MTC) is a type of M2M communication that enables devices to communicate with each other over wireless networks. MTC is particularly important in the context of the IoT, where a large number of devices need to communicate with each other and with centralized servers to enable various applications.

MTC can be used in various domains, including health-care, transportation, and industrial automation. However, MTC communication poses unique challenges, including the need for low-power, low-cost devices that can operate reliably in harsh environments. To address these challenges, oneM2M has developed a set of global standards for M2M and IoT communication, which enable seamless interoperability between devices and applications from different vendors and across different networks. These standards provide a common framework for M2M and IoT communication, which helps to ensure that devices and applications can communicate with each other efficiently and securely, enabling the full potential of the IoT to be realized.

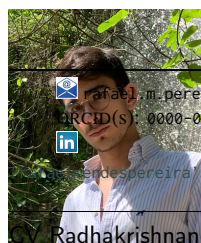
Researcher at Polytechnic of Leiria. I'm extremely curious about the technology world, ambitious for knowledge in this area, I'm dedicated to doing my work. The programming thing always got me, and every day it grows. Today I'm looking for interesting projects, that can make me think and learn every day.

2. Related work

CRedit authorship contribution statement

: Conceptualization of this study, Methodology, Software.

References



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