

The aim of this work is to design and implement a framework for Edge-Cloud Continuum (ECC) in Java. Nowadays, there is an increasing number of Internet of Things (IoT) devices and the data that these devices generate. Edge-Cloud Continuum solves this problem by bringing the computing power closer to the end devices. It also allows to move the location of data processing according to the application's needs. If a job needs higher performance or requires some specialized functionality, it can be seamlessly moved to a node that meets those requirements. This work focuses on key aspects of ECC, such as low-latency communication or migration of services between layers. The result is a functional framework that is demonstrated with a simplified example of an urban traffic management application.