DSA - Open Source IoT Platform

Listing details

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Common

Price: $ 0.00
Country: United States
Description:

DSA (Distributed Services Architecture) - Open Source IoT Platform

Distributed Services Architecture (DSA), is an open source IoT platform that facilitates device inter-communication, logic and applications at every layer of the Internet of Things infrastructure. The objective is to unify the disparate devices, services and applications into a structured and adaptable real-time data model.

Core Components of DSA

DSA has three core components:

DSBroker
DSLink
NodeAPI

The DSBroker acts as a router for incoming and outgoing streams and the DSLinks that are connected to the DSBroker act as originators of the data streams. The Architecture allows for DSBrokers to connect to other DSBrokers to form a scalable and distributed event stream processing network that mimics neural connections in the human brain.

The communication protocol between DSA nodes is facilitated by the nodeAPI which ensures node compatibility and bi-directional control and monitoring ability between connected components.

Website

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Posted: 7 years ago