the IoT Platform for Easy Device Interoperability

一个为了简化与设备交互过程而设计的物联网平台

Dr. Luc JULIA
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It's all about **INTEROPERABILITY**

More and more devices, applications, and services to make my life **SIMPLER**

**The Problem**

**The Solution**
It’s all about **DATA**

- Collecting
- Transporting
- Understanding
Any Data, Any Device
Real time or Historical
Discrete or Continuous
Today and Tomorrow
TRANSPORTING

Agnostic
Any Protocol
3G, WiFi, Z-Wave, BLE, etc…

Where to? **INTERNET** of Things
Diverse Data all in One Place
Opportunity for cross Silo Fertilization
Big Data Becomes SMALL DATA

Applications and Services Deliver Insights

MAGIC Happens
Open, Cloud Based Data Exchange Platform Eases Development for IoT Applications and Services
SCALABLE, ROBUST... FAST

Agile Methodology

Automated

Can support billions of devices

INSTANT processing

Latest technologies
Kudos

Docker
@docker
Great post in DockerWeekly: Containers for IoT-scale Workloads by Niranjan from @samsungsamio's DevOps - blog.samsungsamio.io/data/architect...

Microsoft IT Pro
@MS_ITPro
Avoid the common pitfalls of config management tools—containers for IOT-scale workloads by @samsungsamio: msft.it/6018BEpSO

DenimGroup
@denimgroup
We are thankful for the @oleggryb & @SamsungSAMIIo's contributions to @ThreadFix!

Chris Aniszczyk
@crs
interesting to see Samsung adopt @ApacheMesos in some areas cc: @ibrahimatlinux :)

Apache Mesos
@ApacheMesos
From the Samsung Samiio blog: "about a month ago we moved our SAMI platform to run on Mesos and Docker." blog.samsungsamio.io/data/architect... Samsung SAMIIo
LIVE DEMO!
PRIVACY AND SECURITY

Stores and Secures the Data
Samsung Doesn’t own the Data…
User Controls Access
API BASED

Sending Data
Reading Data
Querying Data Models
Managing All Entities in the Platform
Open API - SECURE DEVICE PAIRING

Mutual Authentication

Device Pairing

Secure Communication
OPEN DEVELOPER PLATFORM

Create 3rd party apps and services
OS Agnostic, Multiple SDKS
VERSATILE TOOLS - Visualization, Control, Testing
A data exchange platform that defines a new paradigm

SAMI is a Data Driven Development (D²) platform with simple open APIs and SDKs to send and receive diverse data, regardless of the source.

Create your first application »

Connect your Android apps
Let our Java/Android SDK get your apps acquainted with SAMI. Easily execute REST API calls to SAMI, or set up WebSockets to receive data in real-time.

GET THE DETAILS »

Privacy is important
Read how SAMI treats users’ data and how applications can request access.

READ MORE »

http://samsungsami.io