Hewlett Packard Enterprise

LSGi ON The Machine

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Execution Environment:
Superdome X

Graph:
200 Million Vertices

Nodes:
16

The Team!

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Massive Quantities of Data Represented as a Graph

An advantage for a class of analytics problems like:

Security

Website Reputation
Malware Detection

3.5 billion web pages
100s of millions of computers

Social Networks

Collective Knowledge
Link Prediction

1 billion People

Advertisement

Brand Reputation
Click Through Rate

100s of millions of people
millions of transactions/day

Internet Of Things

Car Road Accident Risk
Detection

1.6 billion of connected things in smart cities

LSGi Towards The Machine

System Features

1. Iterative Graph Processing Engine
   - Scalable multi-node processing
   - Fast communication mechanism via FAM
   - Efficient parallel In-memory computation

2. LSGi as a Service

   - Query Graph Service

   Interactive access to query inference results

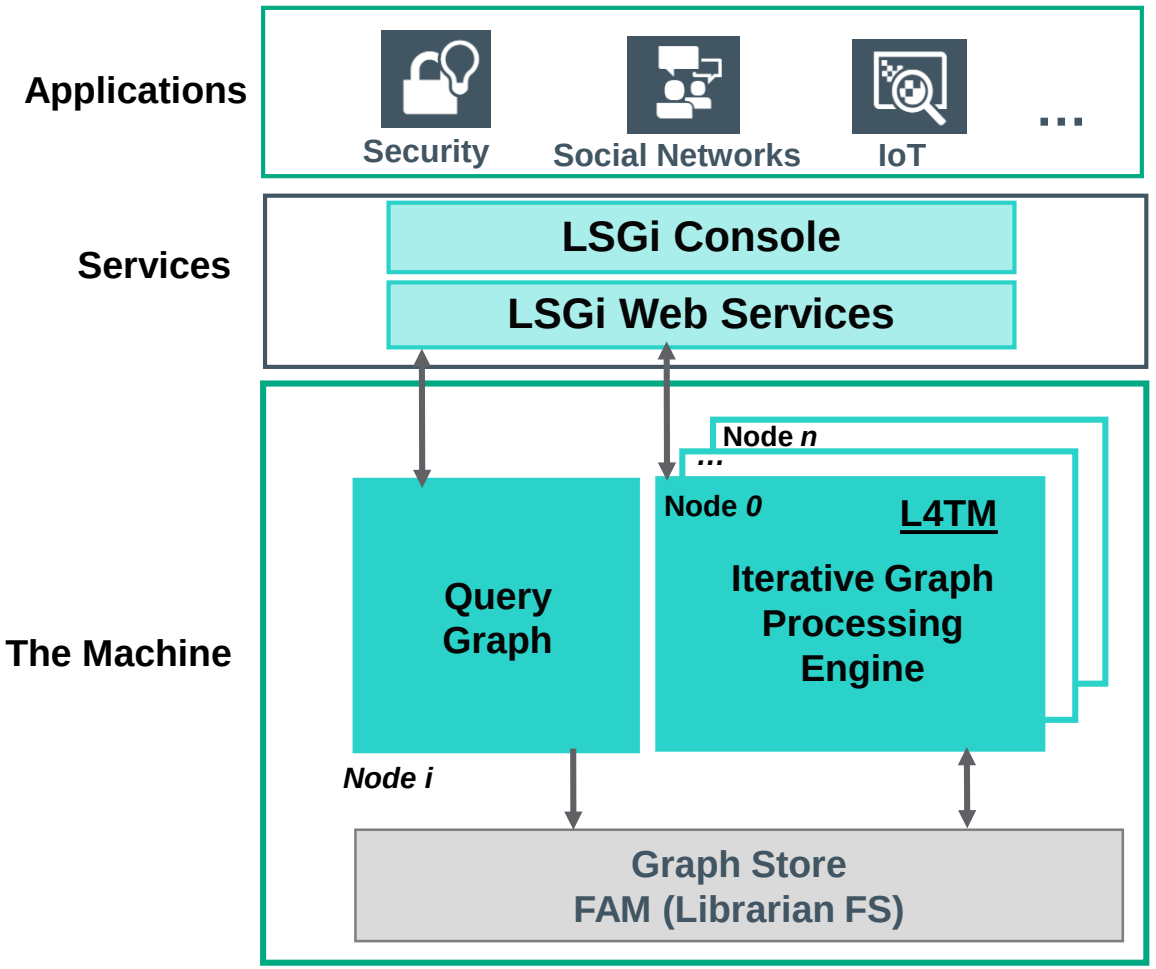
   - Web Services

   Restful APIs to access inference statistics and predictions.

3. LSGi Console

   Operational user-friendly interface to interact with the processing engine.

The LSGi Architecture



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