DAta SIlos Breaker

A Semantic Open Interoperability Solution to Break Down Data Silos

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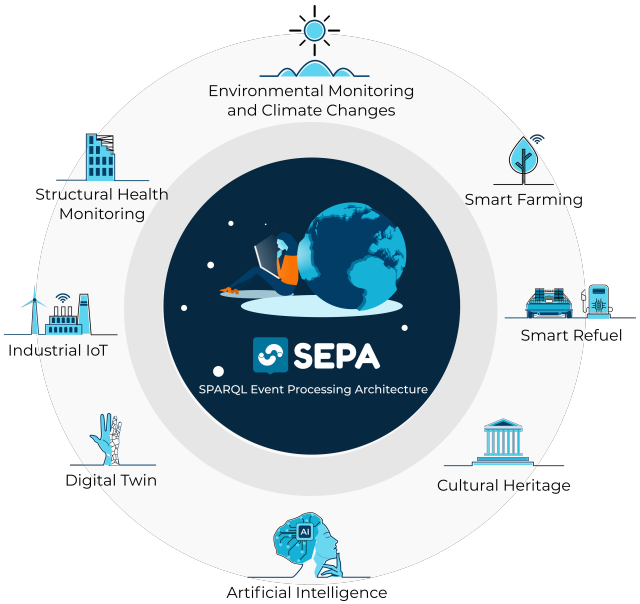
SPARQL Event Processing Architecture

SEPA [1] is an open-source project available on GitHub [2] providing an solution for **information interoperability** implementing FAIR principles and supporting **open vocabularies**.

SEPA implements a **publish-subscribe** mechanism over a generic SPARQL **endpoint** where clients' interactions are mediated by W3C SPARQL 1.1 Protocol (update/query) extended with a custom WebSocket protocol (subscribe/notify)

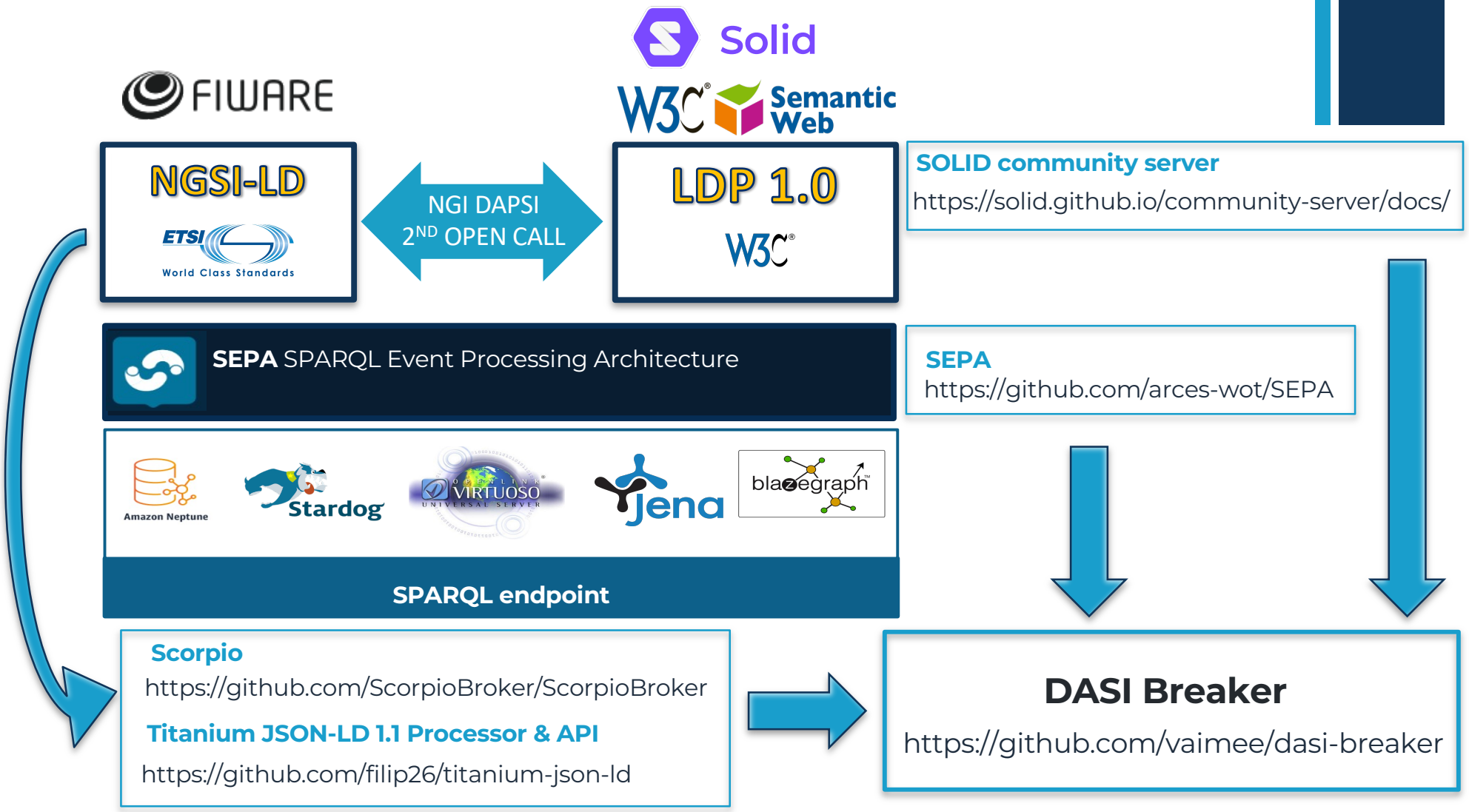


Executive summary

The DASI Breaker project aims to provide an **enabling technology** for developing **data portability** applications and services by extending **SEPA** with open standards and technologies:

- **ETSI NGSI-LD**
- **W3C LDP** (Linked Data Platform 1.0)
- **SOLID**

Implementation



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https://github.com/vaimee/dasi-breaker