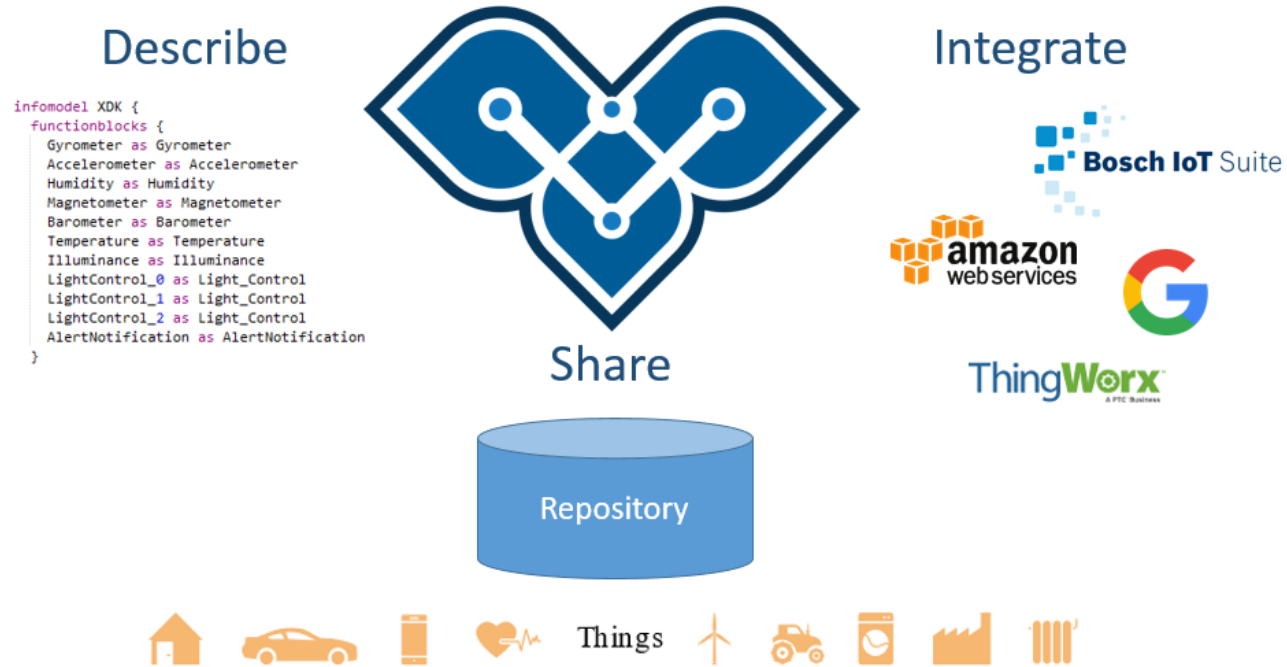


ECLIPSE VORTO

Eclipse Vorto

Purpose

- Open Source, vendor-neutral Semantic IoT Device Modelling



Official repository: <https://vorto.eclipse.org>

Eclipse Vorto

Components

- ▶ Vortolang: DSL to describe device types and their capabilities
- ▶ Repository: Manage models with versioning, access control, release workflow
- ▶ Plugins: Generate code stubs, requests, transform into other semantic representations
- ▶ Telemetry Payload Mapping Engine: Map telemetry data into a canonical format, Ditto representation, AWS Kinesis representation, others...

Eclipse Vorto

Integration with Web of Things

- ▶ 1st Step: WoT Thing Description Template Plugin: Generate TDT from a Vorto model
- ▶ 2nd Step: Managing WoT TDTs directly in the repository
- ▶ 3rd Step: Vorto Repository could become a Thing Description Template Directory

ANY QUESTIONS?