

Wrong!

Common Misconceptions of OSLC

Axel Reichwein

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Koneksys

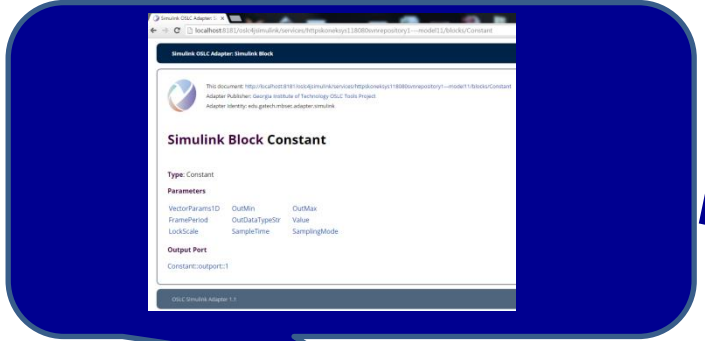
#1 OSLC is just another RESTful API for import/export

Wrong!

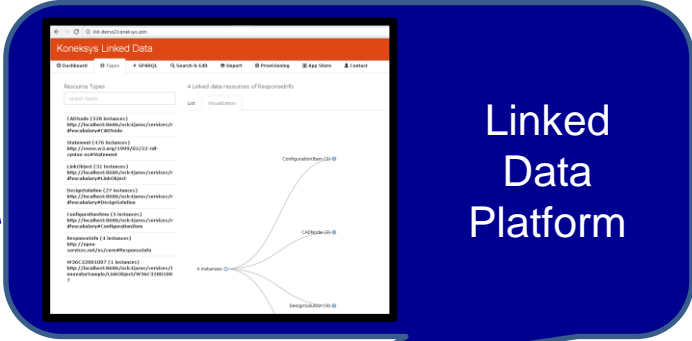
- Web Analogy: HTML is just to import/export web pages between browsers
- No, the Web is powerful because it supports connectivity

Linked Data Services

View data in RDF or HTML and navigate between data just like between web pages

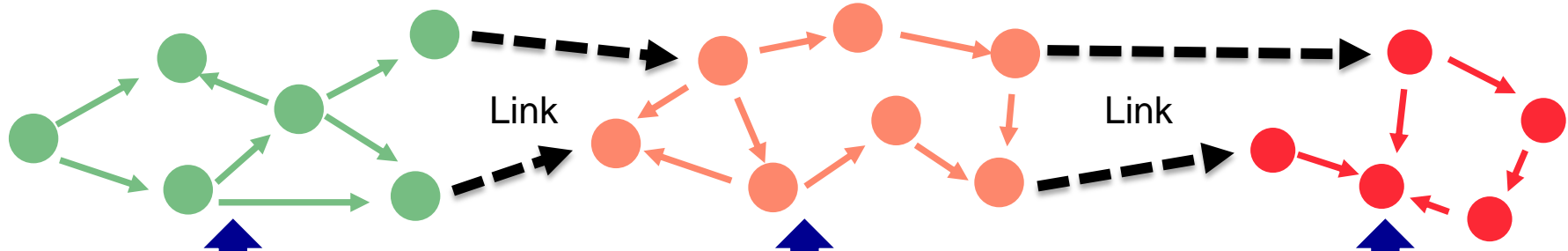


Full-text search of Linked data on the Web (e.g. Google), and link editor to define additional links

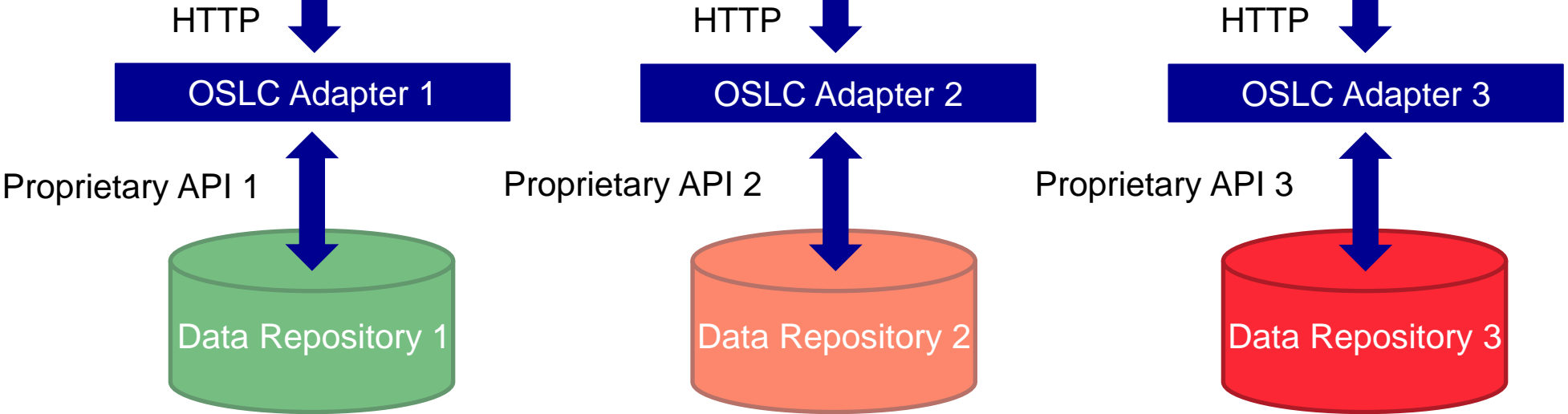


Linked Data Platform

Linked Data on the World Wide Web



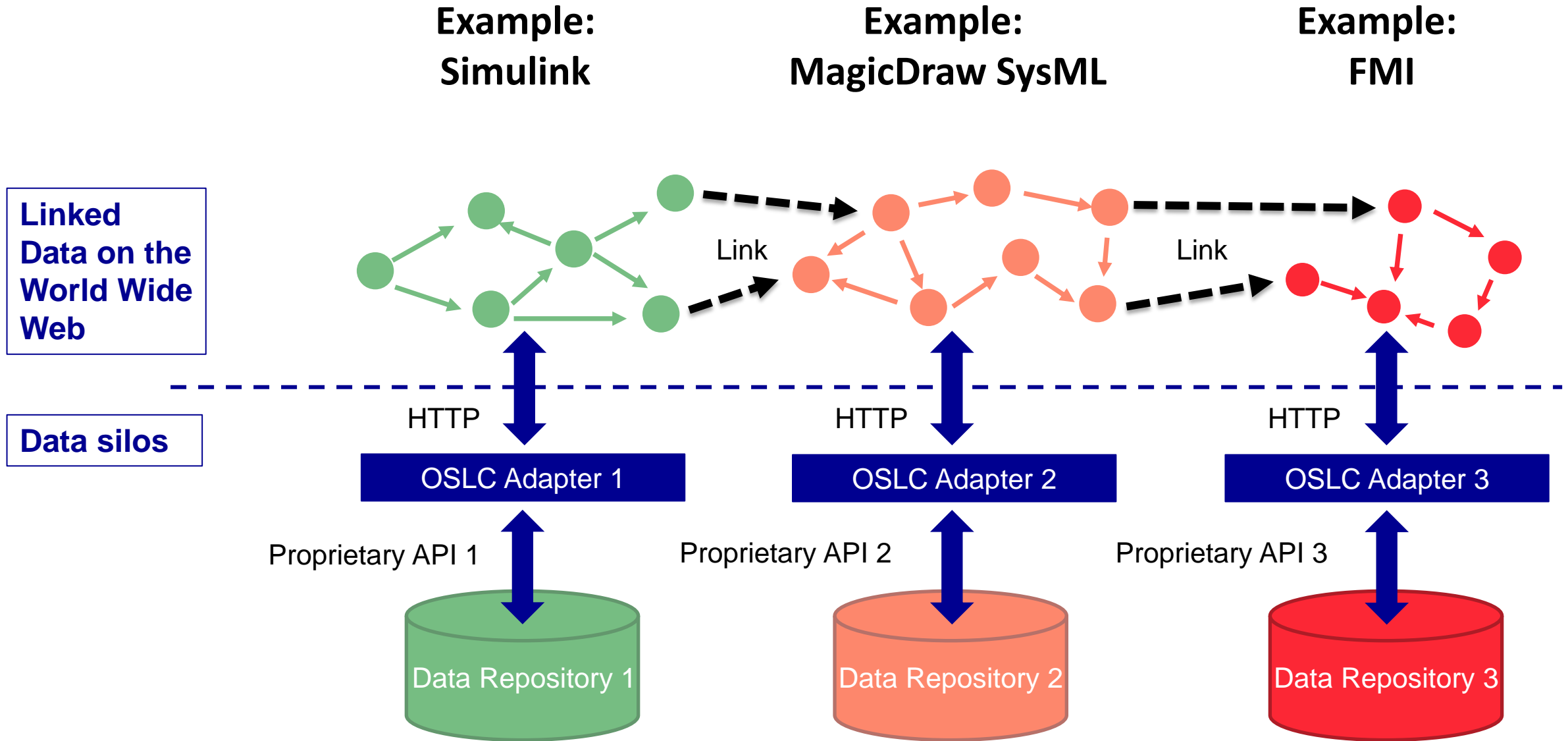
Data silos



#2 OSLC is only for software/systems engineering integration

Wrong!

- Web Analogy: HTML pages can only describe content about news
- No, the Web is neutral and can be used to publish any information



#3 OSLC is Jazz or OSLC is an IBM Approach

Wrong!

- Web Analogy: the Web is not about a single browser (e.g. Chrome) or a single vendor (e.g. IBM)
- No, the Web community is composed of various browsers and various vendors. Open W3C Standards are defined through a community. No vendor lock-in.

#4 OSLC is about ontologies

Wrong!

- Web Analogy: HTML pages are about ontologies/vocabularies like schema.org
- No, the Web can benefit from the adoption of vocabularies but it doesn't depend on it

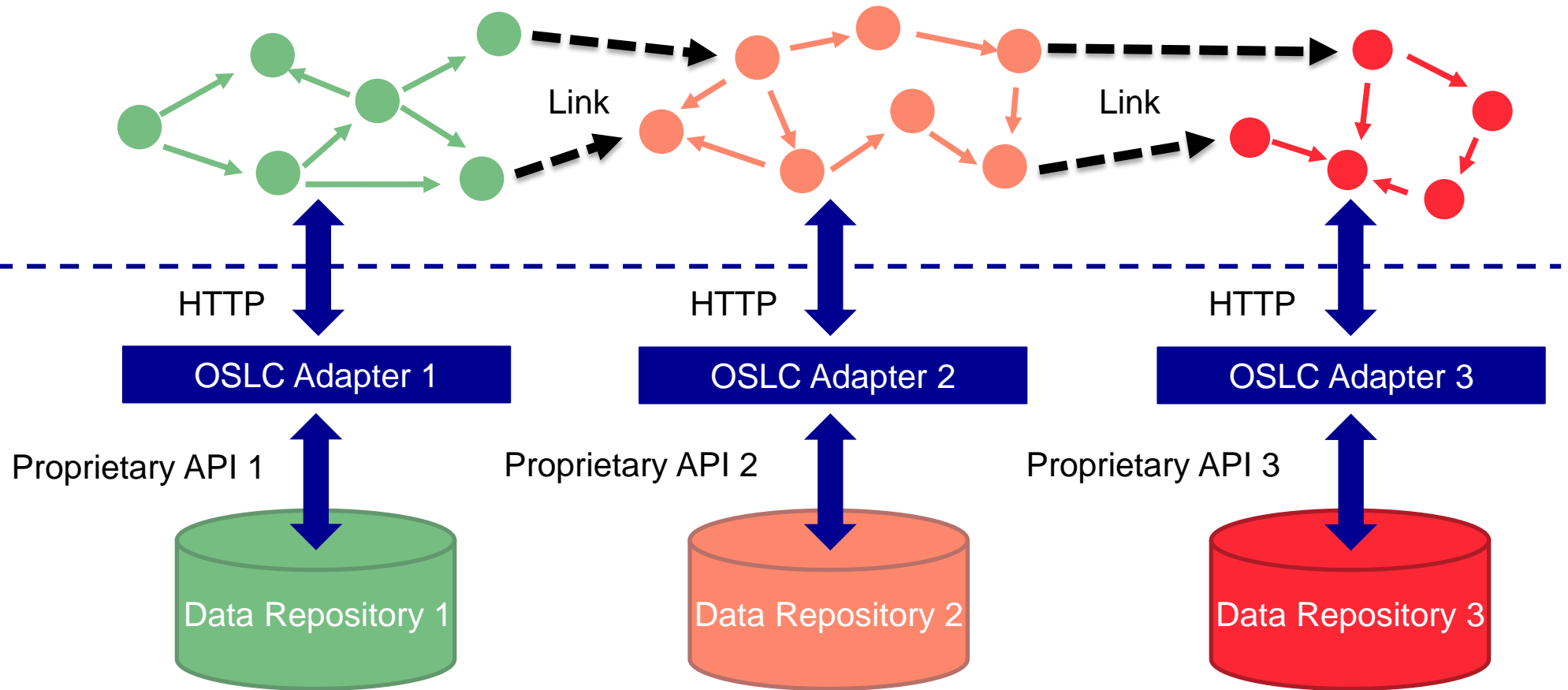
**Linked
Data on the
World Wide
Web**

Data silos

Example: Requirements

Example: Architecture

Example: Simulation



#5 OSLC standards are in competition with STEP/OMG/ISO/INCOSE/NAFEMS standards

Wrong!

- Web Analogy: vocabularies like schema.org are in competition with search engine-specific approaches
- No, search engines come together for a better searchable web

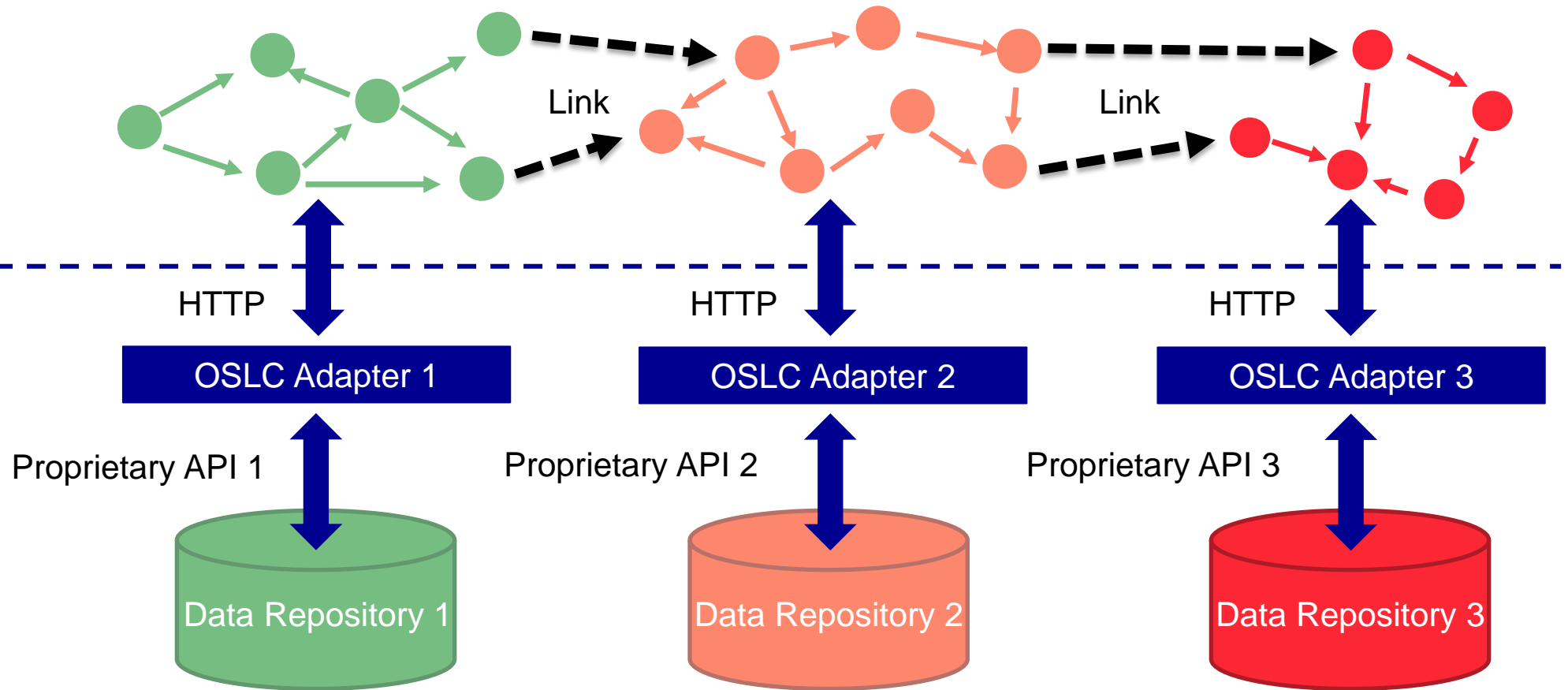
**Example:
STEP for 3D CAD**

**Example:
SysML for Architecture**

**Example:
FMI for Simulation**

**Linked
Data on the
World Wide
Web**

Data silos



Summary – Common Misconceptions

1. OSLC is just another RESTful API for import/export
2. OSLC is only for software/systems engineering integration
3. OSLC is Jazz or OSLC is an IBM Approach
4. OSLC is about ontologies
5. OSLC standards are in competition with STEP/OMG/ISO/INCOSE/NAFEMS standards

Always put statements on OSLC in the context of the Web and check if they make sense!

More questions? Contact me at axel.reichwein@koneksys.com