OSLC

Open Services for Lifecycle Collaboration

"The cost of integrating tools is currently borne by customers; this is a massive waste as it is the same work repeated multiple times. The use of a standard which tool vendors can support out of the box benefits all tool customers. OSLC is already gaining a momentum in engineering industries and its use in enterprise IT through wider adoption within ALM is to be welcomed. Ideally users need standards for both linking and synchronization, OSLC is an important step on that path, it will help reduce errors and costs."

—*Michael Azoff,*
Principal Analyst, Ovum

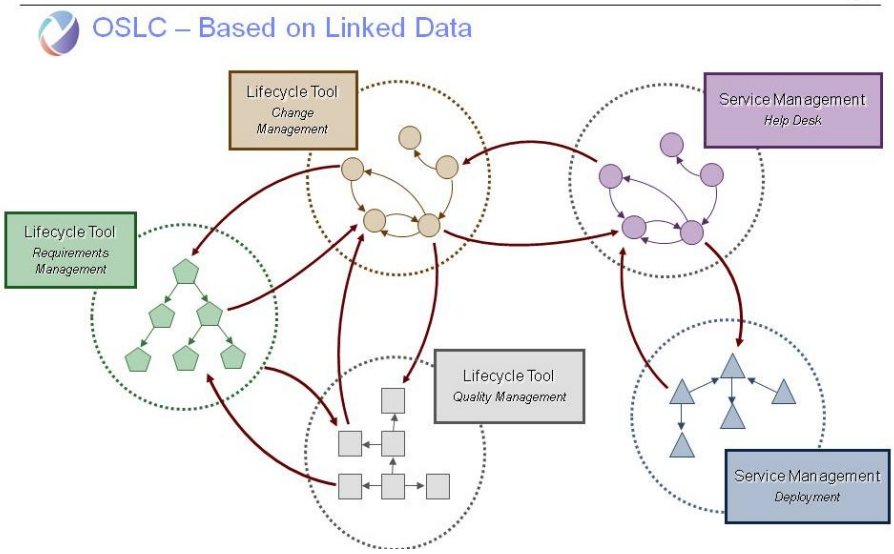
LIFECYCLE INTEGRATION INSPIRED BY THE WEB

Organizations around the world are standardizing the way software lifecycle tools share data based on OSLC. Developed in an open process, OSLC specifications enable products and network resources from different vendors, open source projects and even homegrown components to interoperate successfully. OSLC is becoming a key strategic technology for organizations whose lifecycle processes are implemented across heterogeneous tools.

The OSLC architecture is a minimalist, loosely coupled application of World Wide Web and Linked Data principles.

- build your ideal development and operations environment
- unite disjointed workflows
- design robust, flexible connections
- minimize frustration
- save time and money

OSLC standards can be applied in a variety of domains from ALM and PLM to DevOps and cloud, from mobile to social to big data and analytics.



OSLC is part of the OASIS Open Standards Network. OASIS is an international consortium that brings companies, governments, academia, and individuals together to solve communications challenges. All are welcome to join and participate in the evolution of OSLC.

OASIS OSLC

Building practical specifications for integrating software

The OASIS OSLC family of Technical Committees focus on foundational standards as well as domain and cross-domain areas. More OSLC Technical Committees are in the process of forming now.

OSLC Core

OSLC Lifecycle Integration Core defines essential technical elements of OSLC specifications and provides guidance on common concerns for creating, updating, retrieving, and linking to lifecycle resources based on W3C Linked Data Platform (LDP).

OSLC Automation

OSLC Lifecycle Integration for Automation enables the interoperation of automation processes among IT systems such as servers, workstations, and smart hand-held devices. OSLC Automation develops standards to improve efficiency and reduce the need for human interactions in the software development, test, deployment, and operations lifecycle phases.

If you are a software provider, implementer, or custom business software designer, you are invited to be part of OSLC at OASIS.

As a member, you:

- ✓ influence the development of OSLC as international standards
- ✓ ensure your requirements and use cases are taken into account
- ✓ engage with domain experts
- ✓ promote demand for compliant products
- ✓ form useful alliances for successful implementation and ongoing support

Contact join@oasis-open.org for details.

OSLC CCM

OSLC Lifecycle Integration for Change and Configuration Management (CCM) defines a set of resources, formats, and RESTful web services interfaces. The Change Management work addresses product change requests, activities, tasks and relationships between those and related resources. Configuration Management addresses the configurations, items, baselines, and change sets for information resources from any domain. Asset Management allows enterprises to catalog, govern, manage, search, and maintain assets such as software, documentation, or representations of equipment.

OSLC PROMCODE

OSLC Lifecycle Integration for Project Management of Contracted Delivery (PROMCODE) advances a standard for exchanging project management information across Software Supply Chain (SSC) organizations. The goal of PROMCODE is to make it possible for SSC companies to efficiently share information on project management activities regardless of the systems they are using. PROMCODE will eliminate the need for manual operations and customizations that currently increase costs and introduce errors and delays.

Members include:

- Atego Systems
- Boeing
- Cisco Systems
- Fujitsu Limited
- IBM
- Mentor Graphics
- NEC Corporation
- PTC
- Red Hat
- Software AG
- US Nat'l Institute of Standards (NIST)

...and many others

"OSLC is important for IT organizations faced with a mix of system environments and application models (Cloud, Mobile, Social, Big Data Analytics). It can help to deliver seamless transition and exchange of data, information and processes all of which will impact the change management processes and provide the capacity of more effective automation, communication and collaboration."

—Bola Rotibi, Research Director, Creative Intellect Consulting.

OASIS

http://www.oasis-oslc.org