

Abstract for Presentation at 3rd European Conference on Interoperability for Embedded Systems Development Environments

An increasing number of applications for software, mechanical, and electrical engineering as well as Product- and Application Lifecycle Management (PLM/ALM) are supporting Open Services for Lifecycle Collaboration (OSLC) to enable data traceability, integration, and interoperability.

The session will present a common scenario in which engineering information, such as requirements, system architecture descriptions, and simulation data, needs to be linked and synchronized for traceability and consistency purposes. The talk will show how the Eclipse Lyo SDK was used to create OSLC adapters for Simulink and MagicDraw and how they were used to solve the data integration problem of the scenario. Key OSLC concepts including Linked Data and RESTful web services will be introduced through multiple examples.

The implementations of the Simulink and MagicDraw adapters were contributed to Eclipse Lyo, a repository for open-source OSLC implementations. The efforts necessary to maintain OSLC adapters will be assessed and the benefits of open-source OSLC solutions for major organizations designing complex systems, such as in the aerospace and automotive industry, will be presented.

Speaker:

Jerome Szarazi, Business Development Manager at Koneksys

Jerome Szarazi joined Koneksys as a business development manager for Europe in 2014. Koneksys provides Open Services for Lifecycle Collaboration (OSLC) -based software solutions and training courses for companies seeking to achieve data traceability, integration, and interoperability.

Before joining Koneksys, Jerome Szarazi worked for the multinational engineering service provider ALTEN for 6 years. As a business manager for ALTEN, Jerome acquired extensive experience in managing outsourced services for large corporations in Germany and the UK. Prior to working for ALTEN, Jerome was the Director of a small water-treatment biotech company based in France for five years. As the major shareholder of the company, Jerome was responsible for a wide range of activities including sales, marketing, and product and service development.

Jerome graduated from the University of Stuttgart in Germany in 2003 where he obtained his masters degree in aerospace engineering specializing in control engineering.