

# Emenda Seminar

10<sup>th</sup> October 2017 – Munich

12<sup>th</sup> October 2017 – Stuttgart

## Optimisation of your development costs through Klocwork, Semios and EB solys

For the past 10 years Emenda has provided the tools and expertise to help developers efficiently build software that's more reliable and more secure. Harnessing innovative and leading-edge technology, Emenda delivers effective solutions to accelerate the development of safety-and mission-critical software systems and establish compliance with quality and security standards. As a value-added reseller, we provide services such as customisations, integrations, training, consulting and support for all the tools we distribute.

We will be showcasing 3 of our solutions in the seminar:



**Klocwork**: C/C++, Java and C# Static Analysis for Quality and Security

**Semios**: Automated requirements proof-reader – Detect errors in specifications

**EB solys**: A sophisticated approach to analysing complex automotive software systems from top to bottom, including their runtime behaviour.

### The Seminars

The Seminars will be held between 09:00 and 13:00 on the of 10<sup>th</sup> October 2017 (Munich) and 12<sup>th</sup> October (Stuttgart). Both will be at the respective Regus Offices, details will be provided upon a successful registration. A Complimentary Buffet Lunch will be provided by Emenda.

**Register Here:**

Email: [Dani McAllister](mailto:Dani.McAllister@emenda.com)

Web: [Online Registration](http://www.emenda.com/seminars)



## **Optimisation of your development costs through Klocwork, Semios and EB solys**

### **Klocwork**

Klocwork provides a source code analysis environment enabling comprehensive detection of critical security vulnerabilities, quality defects and coding standards violations quickly and accurately. Klocwork has out of the box support for a range of industrially and internationally recognized coding standards, including MISRA C and C++, CWE, CERT, DISA-STIG, and more. The Klocwork analysis engine is the culmination of over 15 years of static analysis research. At the core of its technology is the ability to monitor the lifecycles of objects and infer their runtime behaviour without executing the code. This allows a broad range of quality, reliability, security, and maintainability issues to be identified with high accuracy.

### **Semios**

Improve the quality of your technical documents at an early stage and decrease the number of issues to focus on the technical aspects of your requirements definition.

SEMIOS originates from the research of the Natural Language Processing technology and AI. Directly Integrated into your toolchain, SEMIOS goes further than a simple keyword analysis, by offering a contextual and semantic analysis, fully compliant to the industrial rules (ARP4754A, DO178B/C, IEC61508, ISO26262, etc.)

### **EB solys**

A development tool for collecting, aggregating and correlating data and its visualization. Live and post-mortem. A framework to be customized and extended for the best possible integration with the project it's used in. A method to identify and localize functional and non-functional defects in an early phase for reducing the efforts spent for testing and bug fixing in later phases. A sophisticated approach to analysing and validating complex automotive software systems from top to bottom.

### **Speakers**

- Christelle Nguyen - Prometil
- Rüdiger Rey - Elektrobit
- Jason McAllister, Werner Hartwig, Ben Marsden - Emenda

### **Registration**

To register for the seminar in either Munich or Stuttgart, fill out our [online registration form](#) or email Dani McAllister ([dani.mcallister@emenda.com](mailto:dani.mcallister@emenda.com)). Spaces are limited so please register quickly to avoid missing out.

**Register Here:**

Email: [Dani McAllister](mailto:Dani McAllister)

Web: [Online Registration](#)