

The E.U. Electronic Freight Initiative and Its Software Engineering Framework

Date: **Thursday, January 19, 2012**

Time: 12:00pm - 1:00pm

Speaker: David A. Marca, OpenProcess, Inc.

Agenda: Informal networking will begin at 11:30am.
Presentation will begin at 12:00pm.

Location: Promega BioPharmaceutical Technology Center
5445 E Cheryl Pkwy, Room Number: 122
Madison, WI 53711



Menu: Lunch meal provided: \$5 for IEEE members, \$10 for non-members, **free for students.**

RSVP: Deadline: January 16. Go to https://meetings.vtools.ieee.org/meeting_view/list_meeting/9929
to register. Please send questions or difficulties to Mark Vincent at mvincent@ecw.org.

Non-member guests are always welcome!

Abstract

The e-Freight Project is the next generation concept for electronic support of trade and transport throughout the E.U. It proposes a means for integrating and unifying the many and varied current developments for dealing with regulatory information management at both national and E.U. levels. The project will provide a unified solution allowing: a) business to submit regulatory information for both customs and transport, independent of mode or route, and b) authorities to share information on policy, operation, security, safety and risk management. This talk will give an overview of the e-Freight initiative, and present the prescribed software engineering approach. An overview of solution architecture, requirements specification, and application development will be discussed, and we will also look at how the software engineering methods are integrated into a unified framework through the automated development environment.

Biography

David A. Marca is president and founder of OpenProcess, Inc., a consulting firm specializing in strategic planning, systems analysis and design, and e-Business. David is also a certified faculty member for the University of Phoenix Online School, and is on the adjunct faculty of Edgewood College's School of Business and Computer Science Department. His six books and 27 papers cover e-Business, business process design, workflow, and software engineering. His latest book with the IEEE is "Open Process Frameworks: Patterns for the Adaptive e-Enterprise". David also holds a patent in workflow technology, and is a Senior Member of the IEEE.

IEEE Entrepreneurs & Consultants Network, Madison Networking Meeting

Date: **Thursday, February 2, 2012**

Time: 12:00pm to 1:00pm

Purpose: Presentation, topic TBD.

Location: Madison Area Technical College (MATC **West Campus**)
302 S. Gammon Road (Across from West Towne Mall)
Madison, WI 53717 ... Telephone: 608-246-6100

Parking: Open parking, so come early to get a closer spot.

Process: Members are encouraged to make introductions, describe endeavors, and make request for: contacts in target companies, needs, resources. Bring your elevator speech and rolodex!

RSVP: Tim Chapman (PrettyGoodGUIs@TrueNym.NET)

Recent Significant Changes to Patent Law

Date: **Thursday, February 16, 2012**

Time: 12:00pm - 1:00pm

Speaker: James Joyce

Agenda: Informal networking will begin at 11:30am.
Presentation will begin at 12:00pm.

Location: Promega BioPharmaceutical Technology Center
5445 E Cheryl Pkwy, Room Number: 122
Madison, WI 53711



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RSVP: Deadline: January 16. Go to https://meetings.vtools.ieee.org/meeting_view/list_meeting/9931 to register. Please send questions or difficulties to Mark Vincent at mvincent@ecw.org.

Non-member guests are always welcome!

Abstract

Protecting innovation in today's environment requires the consideration of intellectual property rights. A patent is often considered the most popular and concrete intellectual property right. This talk will discuss the basic requirements for the patentability of an invention, as well as various considerations to be mindful of during the patent process. In addition, some of the latest developments in patent law will be discussed. In particular, the Leahy-Smith America Invents Act (AIA) will be reviewed. The AIA is a United States federal statute that was passed by Congress and signed into law on September 16, 2011. This law represents a significant change to the U.S. patent system since 1952, including key changes that can affect every inventor.

Biography

James Joyce is a patent attorney in the Madison office of Whyte, Hirschboeck, and Dudek. Mr. Joyce focuses his practice on patent law with technical expertise in the electrical, computer, software and mechanical fields. After receiving his B.S.E.E from the University of Wisconsin – Madison in 1995, Mr. Joyce practiced as an engineer for several years. Before leaving the engineering field to attend law school in 2002, he worked as both a field engineer and a project engineer. While working as a field engineer, Mr. Joyce was responsible for programming and troubleshooting various PLC/MMI controlled blending machines, fillers, and chillers. As a project engineer, Mr. Joyce designed building systems for the architectural and engineering firm Mead & Hunt. The various building systems included power, lighting, communication, security, and fire annunciation systems. Mr. Joyce graduated with honors from Franklin Pierce Law Center in 2005. Franklin Pierce Law Center, which is now incorporated with the University of New Hampshire, was the fourth ranked Intellectual Property School in the United States in 2011.

IEEE Entrepreneurs & Consultants Network, Madison Networking Meeting

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RSVP: Tim Chapman (PrettyGoodGUIs@TrueNym.NET)

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Serving IEEE Members of South Central Wisconsin

January 2012

SECTION Meetings

The third Thursday of Jan.-May and Sep.-Dec. is reserved for a meeting to provide recent research, developments, trends and/or innovations in one of our membership's technical areas.

NETWORKING Meetings

The first Thursday of every other month is reserved for a meeting to provide networking opportunities for members who are consultants or entrepreneurs. Bring your elevator speech and rolodex!

Section Meeting Schedule for 2012

(schedule subject to change)



January 19, EU e-Freight Software Initiative
by David Marca, at Promega

February 16, Patent Law
by James Joyce, at Promega

March 15, Electromagnetic Compatibility
by Paul Moeller, at UW Engineering Hall

April 27, Network Coding, Distinguished
Lecture, by Abdelhak Zoubir, at Promega

May 17, TBD

June 21, TBD

September 20, TBD

October 18, International Trademarks
by Richard Abegglen, at Promega

November 15, TBD

December 20, TBD

Networking Meeting Schedule for 2012

(schedule subject to change)

February 2, TBD

April 5, TBD

June 7, TBD

August 2, TBD

October 4, TBD

December 6, TBD

Selection of Officers

At the December monthly meeting, the IEEE Madison Section conducted its annual officer elections prior to the presentation:

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dmarca@openprocess.com
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ss@ieee.org
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IEEE Membership Level Upgrades

Those interested in upgrading their IEEE membership level should send their resumes or other information showing five years of significant performance in an IEEE-designated field to Charles J Gervasi (cj@cgervasi.com). Madison Section Board will attempt to find Senior IEEE members knowledgeable in the applicant's area of practice who may be able to provide references. You are invited to attend the informal networking portion of the monthly Section meetings (starting at 11:30am) to meet the Section Board members and discuss intentions.

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IEEE Madison Section Newsletter

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For address changes: notify IEEE headquarters at: <http://www.ieee.org/> or address-change@ieee.org. Editorial or comments contact: David Marca at: dmarca@openprocess.com.

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For more information, contact Mitch Bradt at 608-263-1085 or bradt@wisc.edu.

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