



Southeast Michigan iSeries User Group



Connecting the Dots: Building Web Applications with PHP, HTML, CSS, and JavaScript

- Date:** February 17, 2015
- Time:** 5:30 (Deli snack) - 6:00 (Meeting)
- Location:** **Cooper Standard**
2110 Executive Hills Court
Auburn Hills, Michigan, 48326 ([map](#))
Use the front entrance.
- Speaker:** John Valance
- Notes:** Also provided in webinar format. Join remotely through [GoToMeeting](#).
Use your microphone and speakers (VoIP) - a headset is recommended. Or, call in using your telephone.
Dial +1 (646) 749-3122
Access Code: 168-775-885
Audio PIN: Shown after joining the meeting
Meeting ID: 168-775-885

New to web development, or trying to get started? Have you taken a PHP course, but are having trouble understanding how to build complete applications for the web? Or maybe you're a manager trying to get an understanding of how web applications work at a high level. This presentation will provide an overview of how browser-based database applications work, with an iSeries audience in mind. It will demonstrate the client-side languages - HTML, CSS and JavaScript - and show how PHP scripts running on a server can dynamically build web pages including content from an iSeries database.

We will discuss the HTTP protocol and how web servers work with HTML and PHP, look at some common formatting techniques in HTML and CSS, demonstrate how HTML forms interact with PHP scripts, and show what JavaScript is and how it makes the browser more functional. With these basics concepts in mind, you should be able to make better decisions about how to sort through the many options available for web-enabling your legacy databases.

This presentation is for beginner to novice web programmers, or those who would like to understand the technologies and languages involved in a typical web application.

This session is a recommended (not mandatory) pre-requisite for John's labs on HTML, PHP, and JavaScript.

Learning Objectives:

- Provide an overview of how browser-based database applications work, with an iSeries audience in mind
- Help RPG programmers and managers, with little or no web development experience, understand the major concepts and technologies involved in building web applications.
- Provide demos and code examples of the major languages involved in typical web applications: HTML, CSS, JavaScript, PHP and SQL
- Provide a conceptual introduction to my 3 web development labs: 1) HTML and CSS; 2) PHP and DB2 on i; and 3) JavaScript introduction.

Audience:

- This presentation is for beginner to novice web programmers, or those who would like to understand the technologies and languages involved in a typical web application.
- RPG programmers interested in starting out with web development
- Managers who would like to understand the major concepts and languages involved in developing web applications on iSeries.

About the Presenter

John Valance has worked on the IBM midrange platform since 1983 and on web development since 1998. As a consultant and developer, John specializes in database and web application development on the IBM i platform. He is also a trainer for Zend Technologies, teaching PHP Foundations for IBM i Programmers, and is a Zend Certified Engineer. He has extensive programming experience in RPG, Java, PHP, and JavaScript, and he enjoys explaining new programming concepts to RPG programmers.

John is a frequent presenter at user groups, and has created presentations and labs on many web development topics. John is the president and founder of Division 1 Systems, a software and services firm based in Burlington, Vermont (www.div1sys.com).

Growing up in New York City, John started his career in the NY area, but moved to Vermont in 1994 to raise a family and has been there ever since. John is also an accomplished musician, playing a variety of instruments and styles.

John can be reached at johnv@div1sys.com.



From the President:

Dear Members:

We're looking forward to February's meeting. Whether you're new to web development, have completed web projects or are just interested you're sure to benefit from February's meeting. John Valence will help us connect the dots..... PHP, HTML, CSS, and JavaScript



Whether your interest is in using PHP or using other web development programs - you'll be able to benefit from the presentation. You'll be able to join in onsite at Cooper Standard located in Auburn Hills or you may join in remotely in webinar format. No doubt web development has a place within every organizations tool kit. John Valence has been working with web development since 1998 and is a frequent presenter at local user groups including COMMON.



Plans are well underway for MITEC 2015. The conference will be held on Tuesday June 2nd, 2015 at the Schoolcraft College Vistatech Center located in Livonia Michigan. We have an all star line up of presenters and topics planned. It's still not too late - if there are topics that you'd like to see included contact Laura at ubelhor@sbcglobal.net. Steve Will is going to be kicking the day off with the opening session. The day will be packed full with sessions, vendor expo and plenty of opportunity to interact with fellow i colleagues. Updates will be posted in February on the conference web site www.gomitec.com . Discounted rates will be provided to user group members. We will also again this year have pre-conference labs/workshops. Stay tuned for final details. We're planning on RDi, SQL, Web Query and more. We're in process of finalizing details.



PAY YOUR MEMBERSHIP DUES

It's that time of year again. If you've not already done so please be sure to renew your membership. Dues are very affordable at \$100 per organization or \$50 per individual for an entire year. Dues help SEMIUG continue to provide presentations by leading industry experts,

providing use of iDevcloud for group members and much more. SEMIUG takes great pride in providing local members great opportunities for learning and growth. As a member you're also automatically a COMMON member, provided discounted rates to MITEC , provided access to the groups iDevcloud box, able to participate in group activities and much more. You'll find the membership renewal form on the SEMIUG site membership tab at the bottom of the page.

We look forward to seeing you in February.

Regards,

Laura



Southeast Michigan iSeries User Group



Southeast Michigan iSeries User Group
P.O. Box 99284, Troy, Michigan 48099-9284
Membership Renewal
January - December

Date: _____

Company Name: _____

Company Web Site: _____

Mailing Address: _____

Primary Contact: _____

(Voting Member)

Phone: (____) ____ - _____ Fax: (____) ____ - _____

E-Mail: _____

The primary contact will have the responsibility for member voting as stipulated in the constitution. The primary contact name can be changed at will by the member company. Membership voting rights are limited to one person employed by an organization regardless of holding an individual or organization membership.

Paper copies of the newsletter are no longer being mailed. The newsletter will be distributed through email (usually in PDF format). Feel free to forward the email on to others.

Annual dues per member company - \$100.00; Individual memberships are available for \$50.00 (An individual is defined as a person not directly employed by an organization or a person employed by an organization paying membership dues from personal funds). Memberships are for the calendar year, January through December. Dues are not prorated for a partial year. Please make check payable to:

Southeast Michigan iSeries User Group.

Donations are appreciated: Donation: _____