



Southeast Michigan iSeries User Group



Hands-on With Ajax, jQuery, Json and RPG

Date: Tuesday, May 22nd, 2012
Time: 5:00 - 8:00 pm
Location: Oak Park Community Center
14300 Oak Park Boulevard
Oak Park, MI 48237 ([map](#))

Speaker: Jim Cooper

Prerequisite: **Hands-on Lab**

Bring your lap top to use for the hands on lab. Either REDP or FileZilla and Notepad++ will need to be installed. We will use the iDevcloud IBM i box for the hands on session. Attendees will be able to access and view code after the hands on session.

In an article in the March 2012 issue of SystemiNEWS, Don Denoncourt stated, "After RPG and SQL, the most important language that IBM i developers need to add to their arsenal is JavaScript." He goes on to say, "we spend more of our time developing web applications on the web tier with HTML, CSS, and JavaScript. So the selection and use of a JavaScript framework is arguably more important than the server-side language." This is especially important when you already know the RPG programming language. So, why learn another server-side language when learning web tier technologies will serve you better.

This session introduces AJAX, JSON, and jQuery (JavaScript framework) technologies for RPG Web applications. We discuss what each technology is and examine how the four technologies work together to produce dynamic Web applications. We examine how AJAX is used for server requests, JSON as an over-the-network data format, jQuery as a JavaScript framework, and RPG as a backend application server. This session will examine the whole stack and not get too deep into any one area. By the end of this session, you should have an understanding of how these technologies work together to produce dynamic RPG Web application.

About the Speaker

Jim Cooper is author of "SQL for DB2," which is going into its second edition. Jim has also authored two textbooks on RPG and COBOL programming with John Wiley & Sons Publishing, Hoboken, New Jersey.

Jim has been Coordinator and Professor in the Computer Studies department at Lambton College in Sarnia, ON Canada for over twenty-five years. He has taught a variety of subjects with his primary focus on IBM i technology since 1990. Currently, his main focus is on client-side Web



technologies for IBM i which includes using AJAX, JSON, and the jQuery Framework with RPG server-side programming.

Jim has presented at COMMON and TUG TEC Conferences. From 1995 through 2001 he served as Director of the IBM Roundtable College Conference, an IBM international conference held annually for colleges teaching IBM i technologies. As Director of this conference, he received an honorary award from IBM for his efforts with the IBM Academic Initiative Program and the Roundtable College Conference.

Jim also works with the IceBreak Application Server technology that rejuvenated his enthusiasm for RPG programming and revived his IBM i college courses by allowing him to teach RPG as a server-side Web language.

SE Michigan iSeries User Group - MITEC registration raffle

MITEC, SEMIUG, and Maxava have generously teamed together to donate for a raffle, five (5) FREE Registrations to the June 12th MITEC Conference.

Each currently paid member Company or Individual will be automatically entered into the raffle for a chance to win one of the FREE registrations.

NOTE: Sorry, but the FREE registration cannot be used as a credit for individuals who are already registered for MITEC 2012. Basically, this raffle is for members who might not normally be able to attend due to budgetary constraints.

Raffle Rules:

1) All currently paid members of SEMIUG (as posted on our website) will automatically be entered into the raffle.

Check this link to see if you are currently paid:

<http://www.semiug.org/membership.htm>

2) If you are not currently paid, please mail in your SEMIUG membership form and dues before 05/22/2012, which is the last day we will check our PO Box.

3) Only one of these FREE Registrations will be allowed for each Company or Individual member. It is the responsibility of a winning Company to determine which employee will receive their Registration (we recommend offering it to the employee who has attended the most meetings this year).

Note: This cannot be used as a credit for the company sponsored individuals who are already registered for MITEC 2012.

4) You do not have to be present at the May meeting to win.

5) The first 5 names drawn will win the free Registrations; the remaining names will be drawn in sequence and be placed on a Waiting List.

6) The 5 winners and the Waiting List sequence will be posted on the SEMIUG website immediately after the May meeting. If you were not present at the May meeting, be sure to check the website by May 25th, and contact Gerry Abela at (GAbela1420@att.net), since we might not have your direct contact information.

7) A raffle winner who declines MITEC attendance may only transfer their free MITEC registration to the next available name on the waiting list. If you were not at the meeting and won, contact Gerry A.S.A.P. and he will contact the next Waiting List member.

8) All recipients, must mail in their Free Registrations to MITEC as soon as possible, and no later than 05/31/2012. Any Free Registrations not received by this date will be forfeited to the next available on the waiting list.

To register for MITEC, visit-- <http://www.gomitec.com/Registration.html>

9) One last thing. If you already know that you cannot attend MITEC and do not want to be entered into the raffle, please let Gerry know before May 22nd.

Good Luck to you all!!!

From the President

Dear Members,

We have a great hands on activity planned for the May user group meeting. Your time will be well spent joining in. Jim Cooper will be presenting providing learning on Ajax, Json, JQuery and an RPG component. Please note the earlier meeting start time. The time was moved to allow for plenty of time for members to dig in and learn.

MITEC is well under way. Don't miss the big event on Tuesday June 12th 2012. Early bird rates are good through May 26th. You don't want to miss this power packed day of education. The event features an opening session by Tracy Smith of IBM Rochester addressing future trends and directions for Power systems. There is something sure to be of interest for everyone. Choose from over 40 sessions including; PHP, HMC, disaster recovery, RPG, XML, RDp, Rational, Web Query, BRMS, virtualization, cloud and much more. Come see Scott Klement, Paul Tuohy, Debbie Suagen, Larry Bolhuis, Brian May, Alan Seiden, Charles Guarino, Jackie Jansen, Kushil Munar, John Bizon and other leading industry experts present current topics. A day well spent and great learning value all in our own back yard. The event will be held at the Schoolcraft College Vistatech Center located in Livonia Michigan. Food for the event will be provided by the Schoolcraft College Culinary Institute. As a user group member you are also provided an additional discount. Please visit the conference web site <http://www.gomitec.com> for more details. Make sure to register today for this awesome day of education!!

Plans are in the works to expand the Hands on LUG activity to include other groups. We are planning for a repeat PHP project and Web Query project this fall. The hands on activity is a great way for user group members to learn new skills working on a live project. If your organization is interested in submitting a potential PHP or Web query project for the hands on activity contact Laura at ubelhor@sbcglobal.net.

Our June meeting will consist of a presentation on Common certification offerings. What certifications are provided and why you may want to consider certification. Common provides associate and professional business certifications and also has recently added an RPG certification test. The presentation will be followed by testing. The certification tests will be offered to LUG members at a very discounted rate.

We look forward to seeing you at our exciting May meeting and at MITEC 2012.

Regards,

Laura

Laura A. Ubelhor

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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: _____