



GANG meets on the third Wednesday of each month at 6:00pm
Microsoft Heartland District Office, Southfield Town Center Building
1000 Town Center Dr., Suite 1930, Southfield MI 48075 | 248.905.1457

Executive Officers()

DAVID GIARD	president@migang.org
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GERHARD WEISS	secretary@migang.org

2011.Volunteers()

JENNIFER MARSMAN (Microsoft Liaison)	
SHELLY NOLL	ONORIO CATENACCI
BRIAN KORZYNSKI	DAVE KROONDYK
MATT RUMA	JEFF PAVLOV

Meeting.Location()

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Meeting.Agenda()

As always, **meetings are FREE to attend** and opened to the public with food, refreshments and door prizes provided.

- 5:00 Conference room is opened
Networking and Socializing
- 6:00-6:30 Food and Refreshments
Lightning Talks (Two)
- 6:30-8:00 Main Presentation
- 8:00-8:30 Announcements and Giveaways
- 8:30-11:00 Social Hour at Copper Canyon
Brewery (maps are available)

Note: At 6:30pm the building's lobby doors are automatically locked. You can contact a GANG rep at 248.905.1457 for assistance if needed.

About.GANG()

GANG has been actively serving the .NET Developer community in Southeast Michigan since 2001. We are a community of developers interested and active in the development of software implementing the Microsoft .NET framework and associated environment. Topics of discussion will focus on .NET development and related subjects. We are dedicated to advancing the knowledge and understanding of the Microsoft .NET development tools and methods in the development community. As a volunteer-driven, developer-focused organization our motto is "For Developers, By Developers".

If you have any questions or concerns, please contact one of the Executive Officers.

Keep.In.Touch()

- <http://www.migang.org>
- http://bit.ly/GANG_Facebook_Group
- http://bit.ly/GANG_LinkedIn_Group
- http://bit.ly/GANG_Upcoming_Meetings
- http://bit.ly/GANG_Google_Calendar_html
- <http://cafepress.com/MIGang>
- <http://twitter.com/gangannounce>

July.20.Topic.Speaker()

Topic: Refactoring to a S.O.L.I.D. Foundation

In this session we take a small, functional but tightly-coupled, software solution and improve its design using each of Robert C. Martin's S.O.L.I.D. principles as follows:

- SRP: Single Responsibility Principle
- OCP: Open-Close Principle
- LSP: Liskov Substitution Principle
- ISP: Interface Segregation Principle
- DIP: Dependency Inversion Principle

Each principle is applied in sequence to the existing solution, making it possible for the attendee to observe the principle in relative isolation first while also evolving an understanding of how the principles all collaboratively reinforce each other when applied together.

Before each principle is applied and the solution is refactored to introduce it, the attendee is presented with one or two simple PowerPoint slides to introduce the concept and provide some abstract understanding of its goals and benefits to OO programming. The principle is then applied to the existing solution, demonstrating the practical application of the principle to working software.

At each step along the way, the existing solution (a simple console application) is re-executed, demonstrating that the overall behavior of the software solution has not been negatively impacted by the various refactorings.

Speaker: Steve Bohlen



Currently a Senior Software Engineer for SpringSource where he is the Technical Lead and Community Evangelist for the Spring.NET Framework, Stephen brings his varied 18-year-plus experience in software and technology to the design and delivery of Software Engineering Solutions and Frameworks for other Software Engineers. In addition to his work on Spring.NET, Stephen is also an active contributor to several other .NET Open-Source Software projects including NHibernate, NDbUnit, and others as well having developed a number of Visual Studio productivity add-ins.

Active in the software development community, Stephen speaks publicly, blogs (semi-)regularly, and is the author of several popular screencast series focused on Agile and ALT.NET concepts and technologies including the widely-praised 15-part Summer of NHibernate video series introducing viewers to the popular open-source O/RM tool. Stephen is also a founding/organizing member of the NYC ALT.NET user group which meets monthly to discuss Agile-focused techniques and technologies in the world of Microsoft software development and beyond.

Email: sbohlen@gmail.com
 Twitter: [@sbohlen](https://twitter.com/sbohlen)
 Blog: blog.unhandled-exceptions.com
 NY ALT.NET: www.nyalt.net

Meeting Entrée: **Buca de Beppo Italian Restaurant**, Pasta, Chicken, Antipasto Salads, Pop, Bottle Water, Chips, Cookies, Candy.

Sponsor.Presentation()

In the high tech world of emails, virtual meetings and text messaging, it's easy to forget that the most important element in any business are the people. **Stout Systems** highly values its employees, customers and the candidates we represent for employment. Our customers tell us that we are both high-tech and high-touch and they like it. Everyone on our staff comes from the technology industry which means that we understand your perspective every step of the way. This means that you get more qualified resumes, more accurately assessed projects and quality technology solutions—because we really get it. It's our industry, too.



For more information contact Brian Skory at the meeting or email him.

Web Site: www.stoutsystems.com
Email: brianskory@stoutsystems.com

Speaker: Rodney J. Lambert

Rodney J. Lambert's education is in physics but he has spent the last sixteen years completely occupied with product development. While still in graduate school Rodney was hired by an instrumentation company to be the Lead Windows Programmer. Within two years he was the Lead Engineer/R&D group Leader and had oversight of all engineering.

Currently Rodney is the President of 2 Bit, Inc., where he is working on Android Applications, and he does Windows Application development as an employee of Stout Systems of Ann Arbor, MI.

Web Site: www.2bitinc.com

Sponsor.Presentation()

Typemock provides unit testing tools for developers worldwide. They are passionate about helping developers, giving them the easiest and best tools to ensure code integrity! At Typemock, they are committed to delivering easy unit testing to .NET and C++ developers around the globe – enabling Agile development, making sure you get quality code in time, and maximizing your efficiency.

Typemock's Flagship Product – Isolator

Unit testing is a proven way to prevent bugs before they come back to haunt you. Isolator makes unit testing easy – easy to start, easy to get the team onboard, and easy to spread unit testing in your organization. With simple API, automatic test code generation, and great support, you'll be running unit tests in no time.



Website: www.typemock.com

Speaker: Steve Bohlen

See bio under the July.20.Topic.Speaker column.

Motor.City.Codeslingers()

Next: Aug 3, 6-9pm (1st Wed of each Month)
 Where: The Epitec Group Offices
 24800 Denso Dr, Suite 150
 Southfield MI 48033

This is an informal meet up of people interested in learning from one another. Bring your laptop and pair up with someone to work on an open source project, learn a new technique, or even dabble in a new language. There is no agenda or specific topic, just a time set aside for people to pair.

Upcoming.Events()

Here are some upcoming events in or near the Heartland district that might be of interest to you:

Jul 29-31	Cleveland GiveCamp	Cleveland OH
	clevelandgivecamp.org	
Aug 17-19	DevLink	Chattanooga TN
	devlink.net	
Sep 16-18	Ann Arbor Give Camp	Ann Arbor MI
	annarborgivecamp.org	
Sep 17	SQL Saturday	Kalamazoo MI
	sqlsaturday.com	
Oct ??	Ann Arbor Day of .NET	Ann Arbor MI
	dodn.org	

Other.User.Groups()

There are several other user groups within easy driving distance of GANG.

NW Ohio .Net UG	nwnug.com	3rd Tue
Ann Arbor .Net Developer's UG	aadnd.org	2nd Wed
Greater Lansing .Net UG	glugnet.org	3rd Thu
Flint .Net User Group	glugnet.org	2nd Thu
West Michigan .Net UG	wmdotnet.org	2nd Tue
Microsoft Developers of SW Michigan	devmi.org	3rd Tue
Kalamazoo		
South East Michigan SQL Server UG	semssug.sqlpass.org	2nd Thu
Southeastern Michigan SharePoint UG	semsug.sharepointspace.com	2nd Tue
Detroit Java UG	detroitjug.org	3rd Tue
Greater Detroit Cloud Computing UG	sites.google.com/site/detroitcloudgroup	1st Mon
Microsoft Dynamics CRM UG	firsttechdirect.com/CRM_UserGroup.html	4th Thu
Michigan PowerShell Script Club	michiganpowershell.com	3rd Tue
Michigan Council of Women in Technology	mcwt.org	2nd Tue
Women in Technology	womenintechnology.groups.live.com	
Ann Arbor Association for Women in Computing	awc-aa.org	
Michigan Silverlight Designers and Developers Group	MichiganInteractiveDesigners.org	3rd Thu

Editor.In.Chief()

Gerhard Weiss secretary@migang.org
 MessageBox.Show welcomes letters to the editor regarding all inquiries and concerns from the GANG membership.

Upcoming.Topics.Speakers()

GANG has scheduled some outstanding speakers for the next few months:

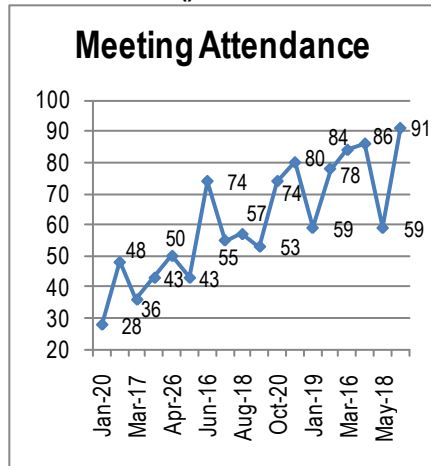
- Aug 17 ASP.NET MVC 3**
*K Scott Allen, Principal Consultant at OdeToCode LLC,
 Co-host on Herding {Code} Podcast
 Special out of town speaker: Maryland*
- Sep 21 The Scaling Habits of ASP.NET Apps**
*Richard Campbell, Technology Entrepreneur & Consultant, Co-Host of .NET Rocks! and Run As Radio podcast
 Special International speaker: British Columbia*
- Oct 1 Kool GANG Celebration!**
*Sat. 10 Years of .NET Excellence
 Full day with multiple speakers*
- Oct 19 No Meeting**
Meeting was moved to Oct 1st.

GANG.Food.Drive.August.Meeting()

Hey GANG! It's that time of year again to get into the giving spirit. GANG will be conducting its 2nd Annual Food Drive at the August 17th Meeting with all donations going to **Gleaners**. They are a community food bank dedicated to southeast Michigan. This is your chance to help our less fortunate neighbors and win some stellar prizes. The more you donate, the better your chance will be to win. We will accept non-perishable food items or cash (by check only) donations. One raffle ticket can be purchased with a single food item or a single dollar (your choice). See the GANG website for more details.



GANG.Statistics()



Swag Sponsors	Continued
OFFICIAL MEMBER OF PEARSON EDUCATION User Group Program	Book (Retail \$40) Feb 2010
BOOKS FOR PROFESSIONALS BY PROFESSIONALS™	Book (Retail \$40) Feb 2010
MANNING PUBLICATIONS CO.	Book (Retail \$40) Feb 2010
MURACH BOOKS	Book (Retail \$40) Apr 2011
O'REILLY	Book (Retail \$40) Feb 2010
WROX	Book (Retail \$40) Feb 2010

Meeting Sponsors	Donation
The Unit Testing Company	Platinum Sponsor Feb-Jan 2012
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telerik	Platinum Sponsor Jan-Dec 2011
ComponentOne	Platinum Sponsor Mar-Feb 2012
redgate® ingeniously simple tools	Personalized Name Badge Sponsor Nov 2010-Nov 2011
Microsoft®	Conference Room, Jan 2001
STOUT SYSTEMS	Gold Sponsor, Mar-Feb 2012
Custom Business Solutions	Gold Sponsor May 2011-Apr 2012
dls	Silver Sponsor, Mar-Feb 2012
Swag Sponsors Items might be added or changed after newsletter is printed.	Donations approx value over \$10,000
The Unit Testing Company 6 T-Shirts	4 copies of Isolator 2010 (Retail \$299 each), Sep 2010 Art of Unit Testing Book (Retail \$40)
telerik deliver more than expected 2 Copies of Telerik Ultimate Collection:	• RadControls for Silverlight • RadControls for WinForms • RadControls for WPF • Telerik Reporting • Telerik OpenAccess ORM • Telerik JustCode • Telerik JustMock • WebUI Test Studio Dev Edition (Retail \$1999 each), Feb 2010
ComponentOne	Studio for WinForms, WPF, ASP.NET AJAX, Silverlight, iPhone, Mobile or ActiveX (Retail \$800), Jun 2010
DevExpress™	2 copies of CodeRush with Refactor! Pro, Book (Retail \$249 each), Feb 2010
NEVRON visualize your success	Nevron Chart for .NET Lite (Retail \$299), Oct 2010
TechSmith	Camtasia Studio and SnagIt (Retail \$299/\$49), Mar 2010
ASPOSE Your File Format Experts	Aspose .NET Component (Retail \$899), Nov 2010
GrapeCity Excel Report Analyze	Excel, Report, Analyze (Retail \$699), Oct 2010
JetBrains	Resharper and DotTrace (Retail \$199 each), Feb 2010
CODESMITH Tools	3 copies of Professional Personal Edition (Retail \$199 each), Oct 2010
CODE MAGAZINE	5 copies of CODE Magazine (Retail \$30), Jan 2011
Special GANG 1-year subscription discount from \$29.99 to \$19.99. Get yours now! www.codemag.com/subscribe/migang	
pluralsight see what you can learn	2 copies of Online Training (1-Mth \$29 each), Feb 2011 Also, Pluralsight offers one free Monthly subscription to any Unemployed GANG member. Contact secretary@migang.org
TekPub	3 copies of Online Training (1-Mth \$10 each), Mar 2010
Learn Visual Studio .NET	Online Training (1-Mth \$10), May 2010