

## MIUG Training Conference 2003

### ***Sunday: Jam-Session and The Great Magic Shootout!***

	AM	PM
Sunday	Magic Jam Session (12 noon onwards) Happy hour from 3pm to 7pm courtesy of Pervasive Software.	The Great Magic Shootout! (6 pm) includes Menu / Interface Competition Judging

Show up any time after 12 and be part of the Magic Jam Session. Bring your laptop and share tips and tricks over a beer. This will be an informal sharing time, and some of the best developers in the world will be there. "Happy Hour" is being sponsored by Pervasive from 3-7, and hors D'oeuvres will be there too.

After 6, we'll be doing the Great Magic Shootout! Start your engines for the Best Alternative Magic Menuing System/User Interface Competition. Many developers dream up alternatives to the Drop Down/Pop Up Context menus. Some layouts and systems are ingenious. Here is your opportunity to show off a little. Some great prizes are on offer!

#### Rules:

1. Must actually be Magic as a Front End Menu/Interface. Preferably Pure/Clean Magic (see point scoring system)
2. Must be able to make available to the public domain a working demo. This could also be your demonstration.
3. Judging will be based on the criteria:

Magic Only Content	30 points
Originality	20 points
Usability/Functionality	20 points
Complexity	15 points
Visual Appeal	10 points
Gee-Whiz Factor	5 points
4. Must be able to demonstrate on the day.
5. All entries will be made available to the Conference Attendees FOC.
6. Any version of Magic can be used.
7. Judges decision will be final.
8. The winning entries may be required to demonstrate their masterpiece to the wider conference audience at some time during the conference.



#### PRIZES INCLUDE -

- From MSE - A full Magic 9.4 eDeveloper License
- From Pervasive - A Pervasive V8 10 User Server License (not for resale)

Register your intention to enter by sending email to [m Bailey@majikworks.com.au](mailto:m Bailey@majikworks.com.au).

## Monday

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	AM	PM
Monday	MSE presentations: <ul style="list-style-type: none"><li>• Market Directions and Strategy (Non-Technical Presentation)</li><li>• What's New in eDeveloper (and why it matters)</li><li>• eDeveloper Roadmap (Technical Presentation)</li><li>• iBolt Overview</li></ul>	And more: <ul style="list-style-type: none"><li>• Pervasive Software - Company Overview and Product Strategy</li><li>• Intelliview and Magic</li><li>• Magic WINNERS:<ul style="list-style-type: none"><li>-- Winners of the Sunday contest</li><li>-- Applications that deserve recognition</li></ul></li></ul>

Monday we will be hearing directly from our product vendors, to find out the current directions and strategies of the companies whose products we depend on. Avikam Perry will be flying in from Israel to talk about what is going on in Magic R&D, as well as other representatives from MSE. Steven Slezak will be talking about the exciting new developments with Pervasive, and Jaymer Holcomb will be representing Intelliview. These products are evolving quickly and you won't want to miss out on what is going to be happening.

### Pervasive Software - Company Overview and Product Strategy

It has been an exciting year for Pervasive Software. Since we last met, Pervasive has:

- Released a major new version of the core database engine - Pervasive.SQL V8
- Acquired new products
- Developed new technologies
- Announced the acquisition of Data Junction

In this session, we will take a look at Pervasive and the product strategy. This is your chance to learn about what we are doing and what you can expect to see from Pervasive going forward. Topics covered will include:

- Current status of Pervasive Software
- Market directions
- The Pervasive Ecosystem
- Pervasive Security Infrastructure and more.

### Times:

- 8:00 to 8:30: Continental Breakfast (Free espresso drinks until 11:00!).
- 8:30 to 12:00: First class session.
- 12:00 to 1:00: Lunch (Included in the signup price)
- 1:00 to 5:00: Second class session.
- 6:00 to whenever: Banquet dinner.

### Monday: Share the vintage!

Monday evening is our banquet. We are continuing with the tradition started by Mark Bailey -- bring some wine from your hometown (or just your favorite) to share with others! Give the libations to Judy Overcash so the hotel staff can open and serve them.

## Tuesday and Wednesday breakout sessions

	AM	PM
<b>Tuesday</b>	iBolt Workshop (all day) (1)	
	XML Basics and Web Services (2) <i>Lee Sutton</i>	Making Money with Intelliview (5) <i>Jaymer</i>
	Tuning and Troubleshooting your Pervasive Database (3) <i>Bill Bach</i>	Pervasive Software - Product Overviews (6) <i>Steven Slezak</i>
	Almost Magic: Practical Techniques for Browser-Client V9 Applications (4) <i>Frank Griffin</i>	
<b>Wednesday</b>	Placement from woe to go! (V9 only) (7) <i>Mark Bailey</i>	We're not in Kansas anymore! V9.4 (11) <i>Heidi Schuppenhauer</i>
	Enabling Relational Access to an Existing Magic-Btrieve Database (8) <i>Steven Blank</i>	Leveraging the Pervasive SQL Relational Database Engine in Applications (12) <i>Steven Blank</i>
	Extending Magic with Hot Fudge, Get, Intelliview, and other useful and interesting add-ons (9) <i>Sherm Levine</i>	Citrix, Terminal Services, and other remote control options with Magic (13) <i>Charles George</i>
	Using and not fighting the Magic Engine (10) <i>Keith Canniff</i>	Building Tools To help you convert to SQL (14) <i>Steve Worthington</i>

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### Signups

Signups for classes are on a first-come, first-serve basis. Classes are small for maximum interaction. After you register for the conference, you can register for your preferred classes by emailing: [s.davis@cabritasoftware.com](mailto:s.davis@cabritasoftware.com). Or, attach your class preferences with your registration when you send it in.

### Can't sign up for everything?

Looking at all these wonderful classes, you might be hard pressed to make a choice. We have found that the small class format works the best, and we want to offer the most variety we can. But if you are really torn, we have two suggestions:

- Some of the teachers have kindly offered to repeat their classes in the evening, if there is enough demand. This will be a truncated version, depending on how much energy everyone has. So if you are really torn, let us know and we'll see how much demand there is.
- Most of the classes will be available on CD after the conference. These CD's are very high quality, and you can view the ones from the last conference during the Jam session.

## *Class Syllabus*

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### **1. iBolt Workshop**

This is a "mini-course" in iBolt. iBolt is a brand new and wonderful product from MSE, and it is amazing!

### **2. XML Basics and Web Services**

*Lee Sutton*

### **3. Tuning and Troubleshooting your Pervasive Database**

*Bill Bach*

This 1/2-day session will include highlights from Goldstar Software's Pervasive.SQL Service & Support class. We will start by reviewing a number of database tuning parameters that can affect performance for both client/server and even single-user systems. We'll then review the mechanisms that the Btrieve 6.15 and Pervasive.SQL clients use to communicate with the server, specifically how the various client DLLs work together to provide seamless database access to your applications (and how to fix it when they don't). Finally, we'll examine a database application from the network perspective, examining the "network footprint" of the app to identify performance problems, and use this information to determine when a network communications error is causing performance problems (instead of the database).

### **4. Almost Magic: Practical Techniques for Browser-Client Applications**

*Frank Griffin*

This class will focus on the basic elements and techniques used in a production Internet browser-client application. The topics include:

- Installing Magic for Browser-Client Development and Deployment
- IIS Configuration
- Magic and Dreamweaver
- Magic Programming for Browser-Client
- Building the Interface (Beyond Ctrl-G)
  - HTML
  - CSS
  - JavaScript
  - Graphics
- Printing Documents
  - Push PDFs to the Browser.

### **5. Making Money with Intelliview**

*Jaymer*

I will be presenting a "Way to make money using Intelliview" technical class. The emphasis is on training Intelliview Synaptris SDK and Intelliview Synaptris Reporter... topics covered:

- a) Product demo
- b) Installation under .NET framework
- c) Demonstrating Intelliview to customers - (i.e. How to get customer data quickly to the web or into Intelliview)
- d) Integration with Magic.

WHY? This product is a way for Magicians to expand their potential customer base, and therefore expand your revenue base. I'm just trying to offer another tool in a Magician's tool chest. Intelliview is a complementary product that works with existing Magic customers and allows you to get your foot in the door at companies that are not into Magic.... which, if you think about it, is one thing we [Magicians] have always wanted.

Regardless of how anti-MS some of us might be, MSSQL is not going away. Synaptris SDK and Reporter provide an incredibly easy way for companies to publish their data to the web (or internally) from SQL data sources.

As an entrepreneur, I'm always interested in some technology that comes along and if there's a way I can make a buck off of it. Magicians coming to my seminar will leave with a fully registered copy of Synaptris Reporter for their MSSQL/Oracle or Linux database FOR EVAL PURPOSES. We will train on installing it, give a thorough tutorial on the technical merits, plus HOW TO SELL IT and make money!

Has this ever happened to you?

You talk to a prospective client and they say "Yes, we have an XYZ system on MSSQL".  
Do you say "OK, well, nothing I can do for you, cya"?

OR do you try and find a way to get Magic in there... "If they want some web stuff, you can try and get them to buy a Magic Server license for \$5500+ when they can use ASP for free - hmmm, that's a really tough sale - remember, they are already into MS and Magic is an outsider. But if you talk to them about a great reporting system (for LAN and Web) with a dynamic excel-like grid interface, that doesn't have runtime fees and is modestly priced compared to the competition, you've opened the door to sales and future consulting/implementation revenue.

If everyone had plenty of work and the Magic developer base was growing and things were peachy, then there might be no use for this. It is possible that no one may be interested in this - which tells me that that Magicians DO have enough work and confidence in Magic and don't need to branch out. My gut feel is that that is NOT the case, but the proof will be in the signup.

Contact: [iview@jaymer.com](mailto:iview@jaymer.com) for more info.

## 6. Pervasive Software - Product Overviews

*Steven Slezak*

In this session, we will take a look at the current Pervasive product family, including a review of features as well as live demonstration.

- Pervasive.SQL V8: Dynamic Cache, Client Cache, Turbo Write Accelerator and more.
- Pervasive.SQL V8 Security: Lock down your Btrieve Database.
- Pervasive DataExchange: Uni or bi-directional data replication.
- Pervasive Real Time Backup: Tape backups are great, but what do you do when the last backup is 12 hours old and disaster strikes?
- Pervasive AuditMaster: Know who did what, where, when and how.
- Data Junction: Integrate your database with other data stores

You do not want to miss it!

## 7. Placement from woe to go! (V9 only)

*Mark Bailey*

You can probably figure out which data elements your user wants, but now how to translate that into a screen design? Mark Bailey is the master of amazing user-friendly screen design in Magic. Come to this class and learn how he does it!

- Basic Concepts - Playing in the sand pit.
- Intermediate - How to apply in real world application.
- Advanced - Resizable simple Magic charts for fun and profit.

## **8. Enabling Relational Access to an Existing Magic-Btrieve Database**

*Steven Blank*

We'll walk you through the process of enabling and maintaining relational access to your existing Btrieve data files, step by step and start to finish.

Topics to be discussed will include:

- Transactional vs. Relational Concepts
- Making Your Btrieve Database ODBC/SQL-Compliant
- Data Dictionary Files (DDFs) Deconstructed
- Pervasive.SQL Server Setup
- Creating and Maintaining a Data Dictionary

## **9. Extending Magic with Hot Fudge, Get, Intelliview, and other useful and interesting add-ons**

*Sherm Levine*

Magic does a lot for you right out of the box. But there are some good products out there that will let you do even more. Find out how to get the most of some of these add-ons! Intelliview, Hot Fudge, Get, and some other goodies will be covered.

## **10. Using and not fighting the Magic Engine**

*Keith Canniff*

Do any of the following apply to you?:

- Numerous problems converting from one release of Magic to another
- Adding a lot of instructions just to get Magic to something that seems simple
- Inconsistent Behavior
- Slow running batch programs
- Confusion on what type of task/operation to create (Batch Create, Link Create, Link Query, call Program or Subtask, etc)
- Very LARGE mcfs (20-50mb)
- Never attended a formal Magic University class

If so, then you should probably attend the class. Even the most seasoned Magicians can benefit from some "fine tuning". Most Magicians have done a tremendous job in solving business problems with Magic. What they don't typically realize is that they've probably put in 20-50% more effort than was necessary.

Don't be shy. This class is for all levels of Magicians. The person who thinks he knows everything about Magic, probably knows the least. The underlying theme of this class is:

*"If you think it's difficult in Magic, you must be doing something wrong"*

Bring your applications and your problems. By the time the class is over, you should be able to eliminate a number of them.

## **11. We're not in Kansas Any More! V9.4**

*Heidi Schuppenhauer*

Magic 9.4 isn't just another upgrade, it represents a whole new shift in thinking. Magic is changing from "just another language" to the "glue" that can truly integrate various pieces of a system. We can't cover all the new features, but this session will give you an idea of how you can now use Magic to take advantage of pre-written, built-in modules to do your work for you.

## **12. Leveraging the Pervasive SQL Relational Database Engine in Applications**

*Steven Blank*

Does your client want to use Microsoft Access or Excel to read and analyze their Btrieve data, or maybe to create form letters in Microsoft Word from their Btrieve-based customer file? Maybe they're already familiar with Seagate Crystal Reports and would like to use it to build their own ad-hoc reports? Maybe you want to access your Btrieve data files relationally in your Magic application. We'll walk you through the process as it specifically relates to several popular office applications - and Magic, too.

Topics to be discussed will include:

- Stored Views and Queries
- Securing a Database for Read-Only Access
- Microsoft Office Products (Access, Excel, Query and Word)
- Seagate Crystal Reports
- Magic's SQL Gateways (ODBC and Pervasive)

## **13. Citrix, Terminal Services, And Other Remote Control Options With Magic**

*Charles George*

This session will look at fast, effective, and easy ways to deploy Magic applications to wireless and/or remote users. Hardware and Software that will be discussed:

- Pocket PC/PDA devices
- Sub-notebooks
- Wireless Access Points and Cards
- Cellular High-speed Wireless Networks
- Tablet PCs
- Citrix
- Terminal Server
- Windows XP Remote Desktop Connection
- WinConnect from thinsoftinc.com

## **14. Building Tools To help you convert to SQL**

*Steve Worthington*

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## Class Syllabus

Steve Worthington will discuss some of the things that can be automated when converting to SQL, he will give a check list of items that need to be addressed, and discuss how best to approach converting a Pervasive Transactional application to SQL.

He will demonstrate some tools that he has built and used for a number of successful SQL conversions.

These tools will show both automated conversion utilities, and cross-referencing utilities that can help simplify the SQL Conversion process, and ease the pain of debugging the usual conversion related issues.