

iDevelop@*TopSpeed*[®]



PERVASIVE
SOFTWARE

September 27-29 • Ft. Lauderdale, Florida



Dear Colleague:

Dear Colleague:



The 1999 TopSpeed Developers' Conference looms in the near future. DevCon '99 will be held September 27-29 in Fort Lauderdale, Florida and promises to keep you, the Clarion community, among the most well informed professionals in the industry. The theme of this year's conference, iDevelop @TopSpeed, summarizes our commitment at TopSpeed: to furnish the technology that will help you develop any size application as quickly and effortlessly as possible.

We have tweaked the format for DevCon '99 to maximize your time investment. The presentations at this year's conference promise to be more technical and longer in duration. We will also bookend the event with seminars. You can catch a discussion at the pre-conference seminar about handling "real life" Clarion programming problems and learn at the post-conference seminar how to put Wizatrons to work for you.

Future technology is here. Last year we discussed what Wizatrons could do for you some day. This year we'll talk about what Wizatrons can do for you today. Wizatrons are no longer merely a futuristic concept. They have blasted on the scene with a mission to play a major role in the automation of application development. Find out how you can fully maximize the abilities of your powerful new assistants to make your job easier than ever.

Let us help you prepare for the upcoming tidal wave of Internet application development. Electronic commerce. Electronic information dissemination. Electronic communication. The Internet is continually becoming more sophisticated and will eventually be the oxygen that keeps businesses breathing. The demand for Internet applications is growing in knee-buckling numbers. Many of your users or customers may have already started hounding you to Web-enable their applications. If not, they will be very shortly. Don't be left out. All applications will soon be demanding some degree of Internet/intranet/extranet exposure. Make sure you're ready.

Many DevCon favorites will return again this year. Hear about the latest technological advances at the track sessions. Then see them put into action at the product showcase. Chat with some of the world's best Clarion programmers at the Team TopSpeed Help Desk. Find out how third party accessories can help you sail through your projects.

Take a few minutes to look through this brochure to get more thorough details about everything that DevCon '99 has to offer. You can still save money by registering before August 13, 1999. Sign up today and save \$100 off the \$895 registration fee. Visit www.topspeed.com/dc99/dc.htm for up to the minute conference details and to register on-line. You may also use the registration form provided on the back cover or call TopSpeed Sales at (800) 354-5444 or (954) 785-4555.

Sincerely,

A handwritten signature in black ink, appearing to read "Roy D. Rafalco". The signature is fluid and cursive, with a large, stylized "R" and "D".

Roy D. Rafalco
President and Chief Executive Officer
TopSpeed Corporation

Welcome Address

Welcome Address



Monday, 8:00 a.m. - 8:15 a.m.

Roy D. Rafalco
President and Chief Executive Officer
TopSpeed Corporation

Keynote Address

Keynote Address



Monday, 8:15 a.m. - 9:15 a.m.

Hank Asher
Chief Executive Officer
eData.com

Hank Asher is the founder and Chief Executive Officer of eData.com, an Internet startup company. With a computer facility with over 30 Terabytes of on-line capacity and a team of talented technologists, eData.com has programmed a world class client application with Clarion that runs over the Internet.

Previous to eData.com, Hank founded DBT Online. DBT(NYSE) now trades on the New York Stock Exchange with a market capitalization of over a half billion dollars. It too utilizes Clarion as its major development tool.

Receptions

Receptions

Welcome Reception

Sunday, 6:30 p.m. - 9:30 p.m.

TopSpeed Corporation cordially invites you to attend the DevCon '99 Welcome Reception—Florida style! Come meet fellow colleagues, TopSpeed employees, and new friends amid the lush tropical oasis of Ft. Lauderdale's Intracoastal Waterway. Sip on refreshing specialty drinks and munch on delicious Florida favorites such as conch fritters, Caribbean chicken kabobs, and blackened shrimp as you enjoy the view of luxury yachts cruising by and pelicans skimming the water. Sit back, relax—take yourself a million miles away from everything else, and have fun at Pier Sixty-Six's poolside bar as you get ready for all of the "fun-filled Florida festivities" DevCon '99 has to offer.

Key West Fest

Tuesday, Dinner 6:00 p.m. - 8:00 p.m.

Tuesday, Jam Session 8:00 p.m. - 10:00 p.m.

Find your lost shaker of salt and come on down! Following two days of sessions... it's Margaritaville time! Join fellow attendees, speakers, and TopSpeed employees at our authentic "Key West Fest."

Party poolside, enjoy a Margarita, and dine on some Key West cuisine while listening to a live band play hit tunes by Jimmy Buffet and other favorites. Or perhaps make music of your own... yes—it's back—the third annual Jam Session. As in the past, we welcome you to bring your own "axe" and join the locals in the latest "let-loose jam-a-rama!" Whether you're a performer or spectator, join us as we rock and roll under the stars of South Florida.

And if you haven't had enough Florida Festivities... how about a trip to the Keys? Every attendee of the "Key West Fest" is eligible to win a two-night get-away at beautiful Hawk's Cay Resort (just a short trip from Key West) compliments of TopSpeed.

This is one session you won't want to miss!

General Sessions

General Sessions

Monday, 9:25 a.m. - 10:35 a.m.



Greg Gubrud
CEO
Ontop Systems

Working with Global 2000 Companies

The Euro has blurred borders between trading partners around the world—find out how to sell and work with Global 2000 companies. Step through the process of getting your foot in the door: negotiating deals, getting paid, managing your relationship, and lining up your next job the minute you start.

You will learn:

- what will make you money and what it will cost you
- how to negotiate the deal—more than once
- secrets to writing a world class proposal to get the deal
- how to turn one project into a perpetual money machine
- tips on working with large, global organizations

Monday, 10:50 a.m. - 11:50 a.m.



Esli Badenhorst
Vice President, Marketing
TopSpeed Corporation

Web-Enable Now. Or, Crash and Burn!

Internet growth is explosive. Those who embraced it early have gained a competitive edge. Those who did not are trying to catch up. Just look at Amazon.com, this on-line bookstore has shown incredible growth in just a short time. The virtual store has drastically reduced overhead, therefore decreasing operating costs and increasing profits. Barnes & Noble, with their very expensive library-like stores, is in catch up mode trying to compete with Amazon.com—the virtual giant. Don't let your competition get the best of you—now is the time to get your applications on-line. This session will present a pragmatic approach to delivering Web-enabled applications with the Clarion Web Edition.

Tuesday, 8:30 a.m. - 9:30 a.m.



Frank Watts
Senior Vice President, Worldwide Sales and Marketing,
TopSpeed Corporation

The Impact of the Internet on Application Development

Web-enabled applications allow business productivity gains not possible with applications of the past. For many of us, it is the 70s and 80s repeated. The race from mainframe to minis to networked LANs with PCs has brought about minor improvements in functionality. The Internet has changed all that, forcing us to rethink our application development strategy.

Tuesday, 9:40 a.m. - 10:40 a.m.



Robert Zaunere
Director of Product Management
TopSpeed Corporation

TopSpeed—Yesterday, Today and Tomorrow

In the days of DOS, Clarion achieved great success by enabling programmers to deliver fast and efficient applications—in a tenth of the time required using competitors' products. **Today**, Clarion delivers client/server applications for Windows and the Web—just as fast and efficiently as **yesterday**. For nearly two decades Clarion programmers have been delivering quality applications on-time and within budget. You have all come to count on the technology that powers the Clarion tools—and you rely on TopSpeed's future development to keep you ahead of the competition. **Tomorrow** is just a day away and with it will come a new breed of development tools. Come hear what TopSpeed has in mind for your future.

Tuesday, 10:55 a.m. - 11:55 a.m.



Joe van Niekerk
Programmer
TopSpeed Development Centre

ABWinsock, MIME and SMTP (e-mail)

Come get a glimpse of the new ABWinsock, MIME and SMTP classes. Joe will provide you with an overview of these new classes. He will discuss what they do and what to use them for. And he'll go through some real life examples to show you how to implement them in applications.

Wednesday, 1:00 p.m. - 2:00 p.m.



Richard Chapman
Vice President, Research & Development,
TopSpeed Development Centre

Inside the Development Centre

This is your chance to get inside TopSpeed's London Development Centre. Come hear how the Centre works.

You will learn:

- TopSpeed's view of software industry trends
- how Clarion products are designed
- how decisions are made regarding fixing or improving existing products
- how Clarion user feedback is used

At-a-Glance

At-a-Glance

Time	Function	Company	Topic
Sunday, September 26, 1999			
8:00am-7:00pm 9:00am-5:00pm 6:30pm-9:30pm	Registration (for seminars and conference) Seminar - Russel B. Eggen Welcome Reception	TopSpeed Corporation	Real Life Clarion: Solutions to Real World Programming Problems
Monday, September 27, 1999			
7:00am-8:00am 7:00am-8:00am 8:00am-8:15am 8:15am-9:15am 9:25am-10:35am 10:50am-11:50am 11:50am-1:30pm 12:00pm-5:30pm 1:30pm-2:40pm 1:30pm-2:40pm 1:30pm-2:40pm 2:50pm-4:00pm 2:50pm-4:00pm	Registration Breakfast Welcome Address - Roy Rafalco Keynote Address - Hank Asher General Session - Greg Gubrud General Session - Eslie Badenhorst Lunch Product Showcase Track Session - Mike Hanson Track Session - Erik Pepping Track Session - Sebastian Talamoni Track Session - Tom Hebenstreit Track Session - Joe van Niekerk	TopSpeed Corporation eData.com Ontop Systems TopSpeed Corporation BoxSoft Development Extensie Unisoft Clarion Online TopSpeed Development Centre Lone Wolf Software, Inc. Computer Advisors, Inc. CoveComm, Inc. The Computer Guy TopSpeed Corporation	Welcome Address Keynote Address Working with Global 2000 Companies Web-Enable Now. Or, Crash and Burn! Multi-Threaded Interfaces, Divorcing the Form from the Browse Writing Template Wrappers for Your Own Classes Wizatrons™ — An Overview Building Distributed Systems Using E-mail The ABC Safari—A Guided Tour Through the Application Builder Classes Tips and Tricks for Interfacing Clarion and Pervasive.SQL Time Savers... Tips for Getting Your Applications Out Faster Optimizing Your Code with Clarion's Profiler Connecting Your Programs to the Internet
2:50pm-4:00pm 4:15pm-5:25pm 4:15pm-5:25pm 4:15pm-5:25pm 7:00pm-9:00pm	Track Session - Fred Schmitthammer Track Session - Nik Johnson Track Session - Dave Harms Track Session - Steve Gallafent Certification Exam		
Tuesday, September 28, 1999			
7:30am-8:30am 8:00am-5:30pm 8:30am-9:30am 9:40am-10:40am 10:55am-11:55am 11:55am-1:30pm 1:30pm-2:40pm 1:30pm-2:40pm 1:30pm-2:40pm 2:50pm-4:00pm 2:50pm-4:00pm 2:50pm-4:00pm 4:15pm-5:25pm	Breakfast Product Showcase General Session - Frank Watts General Session - Robert Zaunere General Session - Joe van Niekerk Lunch Track Session - Frank Magistro Track Session - Scott Ferrett Track Session - Pat O'Brien Track Session - Frank Watts Track Session - Mike Grigsby Track Session - Craig Ransom Track Session - Roelf DuPreez Track Session - Rob Cohan Track Session - Bruce Johnson Key West Fest Third Annual Jam Session	TopSpeed Corporation TopSpeed Corporation TopSpeed Development Centre TopSpeed Corporation TopSpeed Development Centre Orbtech TopSpeed Corporation Ontop Systems The Data Ferret Pea Brain Software T.S. Resources, Inc. CapeSoft	The Impact of the Internet on Application Development TopSpeed—Yesterday, Today and Tomorrow ABWinsock, MIME and SMTP (e-mail) Lifecycle of a Clarion Application SQL for Those Who Do Not Want to Know SQL Wizatrons™ at Work Revenue Opportunities for Independent Developers Migrating Applications to the Internet Reports Over the Internet Planning, Designing, Testing, Documenting and Creating Your Custom Designed Applications without Writing a Line of Code Easy to C: How to Use C to Enhance Clarion Embedding in ABC
4:15pm-5:25pm 4:15pm-5:25pm 6:00pm-8:00pm 8:00pm-10:00pm			
Wednesday, September 29, 1999			
8:00am-9:00am 8:00am-5:30pm 9:00am-10:10am 9:00am-10:10am 9:00am-10:10am 10:25am-11:35am 10:25am-11:35am 11:35am-1:00pm 1:00pm-2:00pm 2:00pm-3:30pm	Breakfast Product Showcase Track Session - Mike Pasley Track Session - Andy Stapleton Track Session - Pete Halsted Track Session - Richard Taylor Track Session - Andy Stapleton Track Session - Sebastian Talamoni Lunch General Session - Richard Chapman Wrap up with developers/QA/Comments	UTA Business Systems Cowboy Computing Solutions NextAge Consulting eData.com Cowboy Computing Solutions Unisoft Argentina TopSpeed Development Centre TopSpeed Corporation	Function Point Analysis Conversion from TopSpeed to SQL, Part I Multi-Category Lookups with Templates From the Ivory Tower to the Real World—Tips and Tricks Discovered on the Journey Conversion from TopSpeed to SQL, Part II ABC Practical Guide Inside the Development Centre
9:00am-5:00pm	Seminar - Bob Foreman	TopSpeed Corporation	Mining Wizatron™ Gold: Exploring TopSpeed's Latest Application Development Tool

Track Sessions

Track Sessions

Monday, 1:30 p.m. - 2:40 p.m.

Multi-Threaded Interfaces: Divorcing the Form from the Browse

Mike Hanson
President, BoxSoft Development

Audience: Technical Skill Level: Advanced

Have you ever found yourself wishing you could open a Form and leave it open while returning to the Browse to look up something else? Come see how easy it is to implement this type of multi-threaded interface using Clarion's existing development paradigm. With the addition of a small template, you'll be multi-threading your way into your users' hearts. During this session Mike will investigate the issues in breaking the Form away from the Browse and help you understand Clarion's multi-threading facilities, including Events, DDE, etc. Learn how the ABC classes can help and explore a simple template-based solution.

Writing Template Wrappers for Your Own Classes

Erik Pepping
Technical Director, Extensie

Audience: Technical Skill Level: Advanced

In this session Erik will demonstrate how to write template wrappers for object classes you have developed. When you write your own classes (data or non-data bound), the next step is to write a template wrapper that not only asks for programmer input but also takes your productivity to the next level. Learn how to wrap classes in templates, how to extend the standard ABC classes, and how to get to the next productivity level. Discover the basics of the ABC Browse class and get a feel for the relation between classes and templates.

Wizatrons™ — An Overview

Sebastian Talamoni
Tech Support Manager, Unisoft Argentina

Audience: Technical Skill Level: Introductory

The Wizatrons are here! Come see how they can help you with your projects. Discover what they can do and their limitations. Learn the Wizatron paradigm including incremental styles, folios, acorns, and Wizatron views. See how the Wizatrons affect the prototyping stage of development. Adapt Wizatrons to reflect your own style and generate a near final product. See how a Calendar Wizatron was written to automatically populate a calendar for fields that have a date picture. And learn how you can create your own Wizatrons!

Monday, 2:50 p.m. - 4:00 p.m.

Building Distributed Systems Using E-mail

Tom Hebenstreit
Independent Consultant and Review Editor, Clarion Online

Audience: Technical Skill Level: Advanced

Aside from simply sending messages, e-mail gives the Clarion developer an incredibly useful tool for building systems that need to exchange data between remote locations or connected users. This session will provide a practical introduction to the ins and outs of e-mail data exchange with emphasis on working code. You will learn how e-mail can be used for both "on demand" and "push" data transfers, design considerations for both one- and two-way data exchange, the pros and cons of the various methods, and what Clarion tools are available for building e-mail systems.

The ABC Safari—a Guided Tour through the Application Builder Classes

Joe van Niekerk
Programmer, TopSpeed Development Centre

Audience: Technical Skill Level: Intermediate

Joe will take you on a tour of all the new and exciting things that are going on inside ABC. Most items will be covered at an overview "how to do" level with one or two of Joe's favorites being singled out for special technical detail. You'll also get a look at what's in the wings for ABC. Come see what the Development Centre has been brewing up between the World Cup Cricket and Rugby.

Tips and Tricks for Interfacing Clarion and Pervasive.SQL

Fred Schmitthammer
President and Chief Executive Officer, LoneWolf Software, Inc.

Audience: Technical Skill Level: Intermediate

SQL database implementations can be difficult. Discover how to design your applications to exploit the benefits of Clarion and Pervasive.SQL. Receive an overview of how Pervasive.SQL works. Find out what data types to use, how to get an SQL Script automatically generated—quickly and easily—and much more. Learn rapid Pervasive.SQL application design techniques. Determine which Pervasive.SQL product you need.

Monday, 4:15 p.m. - 5:25 p.m.

Time Savers... Tips for Getting Your Applications Out Faster

Nik Johnson
President, Computer Advisors, Inc.

Audience: Technical Skill Level: Intermediate

A primary reason for using Clarion is its outstanding productivity. But there are still many things a developer can do to speed development. This presentation outlines techniques for saving development time, all of which can be implemented without purchasing additional tools or compromising the value of the end product. Learn application structures that will minimize compile and testing time, techniques for handling common functions and ways to shortcut common IDE time-wasters. Plus, discover internal documentation tricks and how to use classes to your advantage—even with legacy templates.

Optimizing Your Code with Clarion's Profiler

Dave Harms
President, CoveComm, Inc.

Audience: Technical Skill Level: Intermediate

If you want to make your code fast you need to know where the bottlenecks are. Clarion's profiling technology plus some freely available analysis code can tell you where your code is slowest and what you're calling unnecessarily. It can even tell you exactly what ABC is doing while your program is running. During this session you will learn the purpose of profiling, how to enable the profiler hooks, and create and analyze application profiles. You will gain an understanding of the profiler code and get tips and tricks for finding bottlenecks.



Connecting Your Programs to the Internet

Steven C. Gallafent

Consultant, The Computer Guy

Audience: Technical Skill Level: Beginner

This presentation is a survey of some methods available for connecting programs to the Internet. You will receive a brief introduction to several methods for adding Internet functionality to programs and examples of their use. Discover some possible situations where applications could use Internet capabilities. Learn the advantages and disadvantages of existing products and templates that give applications Internet functionality. See working demonstrations of Internet applications.

Tuesday, 1:30 p.m. - 2:40 p.m.

Lifecycle of a Clarion Application

Frank Magistro

Technical Writer, TopSpeed Corporation

Audience: Technical Skill Level: Intermediate

Whether you're a one-person software shop or part of a complex enterprise development team, Clarion supports the entire application lifecycle model. This session focuses on the OOP based application development model, covering all of these important concepts: gathering your requirements, early feasibility studies, and the early prototyping, implementation, testing, deployment, and maintenance phases. Your applications can easily be targeted for a variety of platforms across corporate networks, intranets or the Internet while offering you the flexibility of retaining and incorporating your existing databases, business rules and user interface models.

SQL for Those Who Do Not Want to Know SQL

Scott Ferrett

Programmer, TopSpeed Development Centre

Audience: Technical Skill Level: Intermediate

This talk takes you through the steps required to convert an existing TPS system to an SQL database. The objective is to have a system that uses some of the power of SQL without making you learn yet another language. The talk will use the powerful feature of CSEE—the Dictionary Synchronizer—to convert the data definitions as well as the data.

Wizatrons™ at Work

Patrick O'Brien

Partner, Orbtech



Audience: Technical Skill Level: Intermediate

The Wizatrons are the latest addition to the Clarion development environment. But are they really worth the learning curve? Will the benefits outweigh the costs? This presentation takes a practical approach to answering these questions by showing you how to accomplish your objectives using the Wizatrons. Once you've seen them work, you won't ever want to develop applications without them again. Find out how you can spend more time designing applications and less time coding. Discover how to enforce a consistent interface standard within applications. Learn eight ways to get immediate benefits from Wizatrons and three traps to avoid while learning them. See how to develop an entire application from the ground up using the Wizatrons.

Tuesday, 2:50 p.m. - 4:00 p.m.

Revenue Opportunities for Independent Developers

Frank Watts

Senior Vice President, Worldwide Sales and Marketing,
TopSpeed Corporation

Audience: Management/Technical Skill Level: Intermediate

Join this discussion on how to find new development opportunities for your services. Explore ideas on incremental opportunities for applications with your existing customers as well as new customers. The talk will include techniques on how to assist customers in identifying their needs and how to activate them to look to you to acquire the solution. Opportunities for traditional and Web applications will be discussed.

Migrating Applications to the Internet

Mike Grigsby

Chief Operating Officer, Ontop Systems

Audience: Management Skill Level: Beginner/Intermediate

Moving your applications to the Internet can open new markets and revenue channels. Can't picture your application on the Internet? Fundamental shifts about how you view your application, customers, and market space are required. From Internet Connect™ development strategies to pricing models, come discover how you can grow your business on the Internet.

Reports Over the Internet

Craig Ransom

Alpha Ferret, The Data Ferret

Audience: Technical Skill Level: Intermediate

The number of ways to enter data remotely using Clarion-based programs on the Internet continues to grow. However, the methods available to effectively generate reports from this data and transmit them to remote clients has not been given as much attention. This session will review report server methodology, report compression tools and techniques, and report transmission methods. Learn about on-demand report archiving and retrieval, as well as automated report archiving and retrieval.

Tuesday, 4:15 p.m. - 5:25 p.m.

Planning, Designing, Testing, Documenting and Creating Your Custom Designed Applications Without Writing a Line of Code

Roelf DuPreez

Managing Director, Pea Brain Software



Audience: Technical Skill Level: Intermediate/Advanced

Come see how you can complete the entire development cycle without having to write a line of code. Impossible you say? Well, all you need is Clarion 5 Enterprise Edition and a bit of imagination. Amaze yourself with how easy it is to customize the default template generated windows. See how easy it is to design a data dictionary and customize your window designs using the physical, logical and Wizatron views in Data Modeller. Learn the advantages of using the Data Modeller test data generator. Discover how to create professional technical documentation for the entire design. And use the Wizatrons to create a customized application in your style of writing.

Track Sessions

Track Sessions

Easy to C: How to use C to Enhance Clarion

Rob Cohan

Vice President, Technology and Development, TS Resources, Inc.

Audience: Technical Skill Level: Intermediate

Although Clarion is one of the most productive IDE languages ever, there are situations where it does not easily provide the level of control or ease of expression you wish. C Language provides fine control second only to assembly language and fills in some gaps in Clarion's expressiveness. Learn how to easily and safely mix the best of both. Discover where C adds fluency versus possibility. See examples of reaching C from Clarion and Clarion from C. Learn the requirements and tricks for prototyping and interfacing and how to use the powerful string processing native to C. C basics will be covered if needed.

Embedding in ABC

Bruce Johnson

Part Owner, CapeSoft

Audience: Technical Skill Level: Intermediate

It's almost two years since ABC went gold in Clarion 4, and still most users are not using it. The single biggest stumbling block to using ABC is discovering which embed point to use when. And when you look at the code it's difficult to know when things will happen. In this session you will learn how ABC works, how to follow ABC code, and how to find the right embed point when you need it. You will also discover some common, useful embed points.

Wednesday, 9:00 a.m. - 10:10 a.m.

Function Point Analysis

Michael Pasley

Senior Technologist, UTA Business Systems

Audience: Technical/Management Skill Level: Intermediate

How do you begin any construction project? First you assess the cost, which is connected to the size of the project. Then, based on the size, you determine scheduling, development complexities, level of effort, and staffing. So what method do you use to determine the size of a software construction project? The method that is considered one of the best for software measurement is function point analysis (FPA). This is a method for counting inputs, outputs, queries, and logical data groupings (including key algorithms). The results are reliable and can be used to easily estimate different aspects of a software project such as production, quality, and economics.

Conversion from TopSpeed to SQL (Part I)

Andy Stapleton

President, Cowboy Computing Solutions

Audience: Technical Skill Level: Intermediate

In this two-hour session you will learn how to convert a Clarion application that uses the TopSpeed file format to a client/server format. Using the standard ABC templates, Andy will demonstrate this procedure with the *maillist* example application. He will review moving referential integrity to the database and how that will affect the application. The same Clarion code will be used to create MS SQL 7.0 and SQL Anywhere databases.

Multi-Category Lookups with Templates

Pete Halsted

Owner, NextAge Consulting

Audience: Technical Skill Level: Intermediate

Learn the benefits of using one file to store most types of lookup information for an entire application. See how you can more efficiently use data storage and data normalization. This presentation will include a how-to session on creating the code to perform these lookups and converting that code to templates. You will be given a general introduction to template writing and receive a set of templates that you can take home and expand upon.

Wednesday, 10:25 a.m. - 11:35 a.m.

From the Ivory Tower to the Real World—Tips and Tricks Discovered on the Journey

Richard Taylor

Senior Programmer/Analyst, eData.com

Audience: Technical Skill Level: Intermediate

Richard's first Clarion book in 1991 was, "Tips, Tricks, and Techniques for Clarion Professional Developer" (Clarion's 2.1 version for DOS) and then a couple of years later he co-authored "Tips, Tricks, and Templates for CDD" (Clarion's 3.0 version for DOS). Now that Richard has left the TopSpeed "Ivory Tower" he will present a set of the latest tips and tricks that he has gleaned from his journey into the "Real World" as a Clarion programmer.

Conversion from TopSpeed to SQL (Part II)

Andy Stapleton

President, Cowboy Computing Solutions

Audience: Technical Skill Level: Intermediate

Part II of a two-hour session.

ABC Practical Guide

Sebastian Talamoni

Tech Support Manager, Unisoft Argentina

Audience: Technical Skill Level: Introductory

This session will show you how to implement common tasks using C5 ABC. These tasks will include: dynamic range/filter, change browse order, QBE class, ENTER instead of TAB in FORMS and within Edit-In-Place, ErrorClass, IniClass, PopupClass, TranslatorClass, Locators, and Forms without Browse (examples will be available for download). Discover how to derive local classes, Edit-In-Place will be used as an example, and then how to reuse the generated code to enhance the ABC library with a new class available to all applications. Learn how to think in ABC and how Global Embeds will improve your encapsulation. See how the IDE is Programming OOP for you and how to create your own ABC classes with the code generated by the ABC templates.

Pre- and Post-Conference Seminars

Pre- and Post-Conference Seminars

Pre-Conference Seminar

Sunday, 9:00 a.m. - 5:00 p.m.

Real Life Clarion: Solutions to Real World Programming Problems

Russell B. Eggen

Senior Instructor, TopSpeed Corporation

Pre-Requisites: A working knowledge of the Clarion 5 IDE and good familiarity with the Clarion language is recommended.

An unfortunate—but very real—part of application development is occasionally encountering problems that slow progress and waste precious time. Solutions can be difficult and sometimes seemingly impossible to find while deadlines are quickly approaching.

The DevCon '99 pre-conference seminar will confront many real life development problems and discuss the techniques to overcome them. Some common problems will be identified and attendees will be presented with various solutions to help them breeze through future obstacles. These problems can be easily overcome using only the rich Clarion language and tools. Progressively powerful, yet simple, solutions will be demonstrated to provide multiple answers.

This seminar is designed to help and educate users of all versions of Clarion and audience participation will be encouraged. All code solutions discussed during the seminar will be provided to attendees along with a detailed handbook.

Post-Conference Seminar

Thursday, 9:00 a.m. - 5:00 p.m.

Mining Wizatron™ Gold: Exploring TopSpeed's Latest Application Development Tool

Bob Foreman

Director of Documentation Resources, TopSpeed Corporation

Pre-Requisites: A working knowledge of the Clarion 5 IDE and good familiarity with the Clarion language is recommended.

Take a one-day excursion to the world of Wizatron Gold. The DevCon '99 post-conference seminar will take an in-depth look at TopSpeed's latest innovation in application development automation, the Wizatrons. Much of the excitement of DevCon '99 will surround the countless advantages of the newest kids on the technology block. Spend an extra day in town and learn what Wizatrons are, how they actually work and how you can use them to increase development speed and consistency to your applications. You will get a complete tour of the Wizatron environment that will include an explanation of features, options and terminology. Get a solid understanding of the internal operations of Wizatrons including components, properties and sub-properties.

A seminar handbook will be provided with complete explanations and illustrations of all topics presented.

Certification Exam

Certification Exam

Monday, 7:00 p.m. - 9:00 p.m.

Gain the competitive edge you need—become a Clarion Certified Developer. The Clarion Certified Developer (CCD) exam enables you to validate your skills and level of Clarion expertise. Becoming a Clarion Certified Developer will increase your confidence and self-esteem, as well as aid in your professional advancement. As a Certified Developer you gain the ability to demand higher compensation and provide yourself with an important credential to add to your resume. Take your career as a Clarion Developer to a new level—get certified at DevCon '99.

The \$100 fee includes the exam, a professional certificate and your name posted on the TopSpeed Web page.

For additional information call
Certification Services at
(800) 354-5444, ext. 445 or send
e-mail to certification@topspeed.com.



Product Showcase

Product Showcase

The Product Showcase is a traditional DevCon favorite that will once again make its mark at this year's conference. The showcase offers a convenient forum to see product demonstrations from a variety of third party accessory partners and independent software vendors. Learn about the latest technologies and solutions at the conference track sessions—then see them put into action at the Product Showcase. Some of the finest Clarion developers in the world will be on hand to answer questions and help make your professional life easier. Great products and solid advice—all in one place at the same time. That's the TopSpeed Product Showcase.

Team TopSpeed Help Desk

Team TopSpeed is comprised of some of the most talented Clarion developers in the world. You've seen their names on the newsgroups guiding developers out of jams. These gifted volunteers spend countless hours answering questions, offering advice and posting sample code to improve the skills of newsgroup visitors. Now you can put the faces with the names as these Clarion celebrities will be on hand at the Team TopSpeed Help Desk to personally answer your questions in a relaxed, social atmosphere. Stop by and introduce yourself to those who are dedicated to helping other Clarion developers.

Consultant's Corner

TopSpeed Consulting offers a wide variety of business solutions including program conversion from DOS to Windows, custom applications, Y2K compliance and Internet/intranet/extranet deployment. More than 60 skilled development professionals are positioned throughout the world to ensure efficient global application development. TopSpeed Consulting has been the solution for numerous companies during its five-year existence. Check out the Consultant's Corner and see how TopSpeed Consulting can help you.

TopSpeed Product Showcase

Make sure you check out TopSpeed's latest technology at the TopSpeed Product Showcase. One-stop shopping gives you the chance to purchase the exciting products discussed by the session speakers. Be the first developer on your block to make a TopSpeed fashion statement. Take home an ultra-cool denim shirt or some of the other TopSpeed souvenirs that will be available at the Product Showcase.

Vendors

DevCon '99 will once again give you the chance to see what TopSpeed's third party development partners can do for you. This traditional conference favorite provides first-hand demonstrations of many accessories and services that can take your applications to a higher level of superiority. Third party vendors are an integral part of DevCon because they give you the opportunity to see many of the cutting-edge technologies discussed during the conference put into action. So strap yourself in and take the latest technology for a spin around the block.

Third Party Vendors

BoxSoft Development -----

CapeSoft -----

Carl T. Barnes -----

Cowboy Computing Solutions -----

Gerald W. Duke & Company -----

Keystone Computer Resources -----

NextAge Consulting -----

Pea Brain Software -----

Pervasive Software, Inc. -----

POSitive Software Company -----

ProDomus -----

Wise Solutions -----

Products

Super Solutions

Special Agent, MakeOver, NetTalk, File Manager 2,

EzHelp, SecWin, Multi-Proj, WinEvent, and TickerTape

CW Assistant

SQL Client/Server Templates

Business Application Shells

NetTools Enterprise Edition Templates

Imaging Templates

Data Modeller and Data Modeller View Browser

Pervasive.SQL, Pervasive 2000, and Tango 2000

Timesaver Templates, Gizmos!, and Path Manager, and AppMan Pro

PD Translator, CWIntl, Worldwide Address Formats,

International Date Tools, Date Tools and Lookups Bundle, and CWFIn

InstallMaker, InstallBuilder, InstallMaster, InstallManager, Wise for Windows

Installer, and InstallAnywhere

Sponsors

Sponsors



Pervasive Software, Inc. has become the leader in embeddable databases for packaged applications serving small-to mid-sized businesses and departments within large corporations. Pervasive targets middle-market solution providers by providing the right answers to the database needs of today's developers and resellers. Their database, Pervasive 2000, delivers the best of both worlds: the performance of a transactional database integrated with an industry-leading relational database. Pervasive 2000 offers the ultimate in reliable, maintenance-free, resource-efficient operations with superior performance and usability. Pervasive has broadened their product suite to include Tango 2000, the world-class program that greatly simplifies the creation, deployment and management of Web-based and distributed applications. Visit the Pervasive display at DevCon '99.



Software installations made easy™

Wise Solutions, Inc. is a leading global provider of software installation tools. Wise is a strong, rapidly growing company committed to global leadership in the installation tools market. Wise Solutions' installation suites offer many tool set options. Use InstallMaker to create a professional install in minutes. Add more functionality, including script editing, integrated debugging, and more, with InstallBuilder. For Web-based application deployment and repackaging InstallMaster is the solution. InstallManager, for the systems administrator, allows you to create install packages while identifying file conflicts before distributing software to end-users. The complete Windows 2000-ready installation tool—Wise for Windows Installer—is designed specifically to enable compliance with Microsoft's Windows Installer technology. And finally, to create a single, universal installation for multi-platform applications use Zero G Software's InstallAnywhere—a 100% Java application. Visit the Wise display at DevCon '99.

Area Attractions

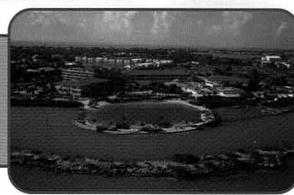
Weekend Excursion



Hawk's Cay Resort

In The Heart Of The Florida Keys.

INN • VILLAS • CLUB • MARINA



Hawk's Cay Resort and Marina
Mile Marker 61, Duck Key, FL
Florida's Caribbean Island

Hawk's Cay Resort provides a casually elegant Caribbean atmosphere combined with deluxe accommodations and the highest standards of personal service. Activities range from an interactive dolphin program to an amazing variety of water sports and amenities. The resort offers four restaurants, eight tennis courts, golf access, a saltwater lagoon and two swimming pools (one is for adults only). Activities include fishing, scuba diving, snorkeling, boating, parasailing, sunset cruises, and children's programs. Enjoy the freedom to do everything or nothing at all in your own island retreat. Hawk's Cay is offering a discounted rate of \$120 per night to DevCon attendees. The discounted rate is available for Friday, September 24; Saturday, September 25; Friday, October 1 and Saturday, October 2. For reservations, call (800) 432-2242 or (305) 743-7000. Please request TopSpeed's DevCon discount when making reservations.

Around Town

Shopping

Festival Flea Market - (954) 979-4555

Step into the Festival Flea Market Mall and discover a whole new world. With over 850 merchants selling name-brand merchandise at below outlet prices, it's truly a bargain-hunter's paradise.

Las Olas Boulevard

While the popular outdoor cafes and clubs bring an exciting European-Floridean ambiance to Las Olas Boulevard, it's shopping that attracts locals and visitors all year-round. The majority of stores are one-of-a-kind and owner-operated, which translates to merchandise you would never find in a shopping mall. Picture your visit as a treasure hunt and explore each and every store to indulge yourself in an extra-sensory experience.

Bayside - (305) 577-3344

A retail dining and entertainment complex located on beautiful Biscayne Bay in Downtown Miami. Bayside features more than 150 shops, restaurants and bars, including Miami's Hard Rock Cafe, the Pier 5 Market, Warner Brothers Studio Store, The Disney Store, and an international food court. Open plazas create a permanent stage for street performers and free nightly entertainment.

Parks and Nature

Hugh Taylor Birch State Recreation Park - (954) 468-2791

Within the concrete development of Fort Lauderdale lies the tropical oasis of Hugh Taylor Birch State Recreation Area. This 180-acre park, which contains four distinct biological communities, lies between the Atlantic Ocean and the Intracoastal Waterway. Canoes are available for rental and a 1.7-mile exercise course for hikers and runners rims the park.

Flamingo Gardens - (954) 473-2955

Magnificent champion trees canopy 60 acres of botanical gardens and the Everglades Wildlife Sanctuary at Flamingo Gardens. You will be surrounded by the rare, exotic, and indigenous plant life of the Wray Botanical Collection. Explore natural trails that lead from subtropical rainforests to the expansiveness of the treasured and inspiring Everglades' wilderness.

Billie Swamp Safari, Big Cypress Reservation - (941) 983-6101

Learn about the land, history, and culture of the Seminole Indians. Billie Swamp Safari opens 2000 lush acres of its Big Cypress Reservation to the public with daily swamp buggy tours on customized motorized vehicles designed to provide visitors with an elevated view of the frontier while comfortably riding through the wetlands and cypress heads. Or walk the Swamp Trail and come face to face with the resident alligators.

Butterfly World - (954) 977-4400

Beauty abounds at Butterfly World, the largest live butterfly exhibit of its kind in the western world and first showplace of its kind in the Western Hemisphere. Stroll with wonder through a world where thousands of live, exotic butterflies fly around you in a lush, three-acre rainforest paradise.

Site Seeing

Grave Museum of Archaeology and Natural History - (954) 925-7770

Dinosaurs, dazzling crystals, and traces of ancient cultures from around the world await you at the Graves Museum, where 20,000 square feet of galleries and exhibits reveal history's hidden treasures.

Stranahan House - (954) 524-4736

Take a magical visit to the past when you tour this delightfully restored Victorian-style home. This landmark has been the city's trading post, town hall, and post office.

Bonnet House - (954) 563-5393

A 35-acre subtropical estate built by Frederic and Evelyn Bartlett, the Bonnet House enchants visitors with delightful art and architecture.

Glass-bottom Boat Trips - (954) 467-6030

Glass-bottom boat tours offer a picturesque view of the underwater beauty beyond our coastline. When you board the 60-foot Pro Diver II, you'll encounter beautiful coral, colorful fish, and exciting marine life that you didn't know existed. For a truly personal view, you can even jump into the ocean for a snorkeling session.

Water Taxi - (954) 467-6677

Cruise around Fort Lauderdale on one of the unique Water Taxis and see the best there is to offer on the waterways. Float your way to and from hotels, shops, restaurants, nightclubs, beaches, theaters, homes, marinas, and more...or just go sightseeing.

Entertainment

SunTrust Jazz Brunch, Riverwalk

Staying in sunny South Florida a few days after the conference? Enjoy a stroll on a warm, sunny afternoon, eating fine brunch cuisine, while listening to many excellent local jazz bands. On Sunday, October 3, SunTrust's enlivening monthly Jazz Brunch is held at the Riverwalk from 11:00 a.m. to 2:00 p.m.

For additional information on area attractions, dining and entertainment visit www.greatlocations.com and www.introweb.com.

September 27-29 • Ft. Lauderdale, Florida

Hotel Information

Hyatt Regency Pier Sixty-Six is set amid the serene tropical waterfront where a world-class marina receives gleaming yachts from around the world in its 142-slip marina. Experience breathtaking views of the shimmering Atlantic from your own private balcony, or enjoy a garden lanai overlooking the majestic waterfall pool and marina. Take advantage of European Spa XLVI, the only hotel spa in Ft. Lauderdale to have been awarded the coveted Mobil Four Star rating. Bask beside a spectacular three-pool oasis, including a bubbling, 40-person hydrotherapy pool, practice your swing on two lighted tennis courts, or tee up for championship golf nearby. Just three blocks away is one of the most beautiful tropical beaches in Florida.

Each climate controlled room is equipped with TV and remote control, cable movie channels, in-room pay movies, voice mail, telephone with message light, dataport and video check-out. You will also find full bath amenities, an iron with ironing board, AM/FM alarm clock, hair dryer and telephone in bathrooms, in-room safe large enough to house a laptop, servi-bar, and coffee makers. Turndown service is available upon request. Among Hyatt Regency's Pier Sixty-Six's six restaurants and lounges are the Mariner's Grille for tempting buffets and southeastern specialties, or pull up a lounge chair for burgers and tropical drinks poolside. When the sun goes down, you won't want to miss California Cafe for unique seafood, pasta and brick oven pizza. Later, take a glass elevator to the world-famous Pier Top Lounge for your favorite beverage, great entertainment, and astonishing views revolving full circle every 66 minutes.

Reserve your room today by calling Hyatt Regency Pier Sixty-Six at (954) 525-6666. In order to secure the \$110 per night room rate that we have negotiated for you, be sure to identify yourself as an attendee of the 1999 TopSpeed Developers' Conference.

Directions

From Ft. Lauderdale International Airport (3 miles): Take Federal Highway (US1) North to 17th Street Causeway East. The hotel is on the east side of the Intracoastal Waterway. From Miami International Airport (45 minutes): Take I-95 North to 595 East. Proceed north on Federal Highway (US1) to 17th Street Causeway East. The hotel is on the east side of the Intracoastal Waterway.

Hotel
Conference

2923405

- TopSpeed DevCon '99
- 150 East Sample Road
- Pompano Beach, Florida 33064

DevCon

Registration Information

Save \$100 off the registration fee of \$895 by registering before August 13, 1999!

DevCon '99 Registration Form

First Name: _____
Last Name: _____
Company: _____
Address: _____
City: _____
State: _____ Zip: _____
Country: _____
Daytime Phone: _____
Fax: _____
E-mail: _____
Credit Card: _____
Cardholder Name: _____
Card No: _____
Expiration Date: _____

(Check all that apply)

- Conference \$795 before 8/13/99
- Conference \$895 after 8/13/99
- Distributor
- Sunday seminar \$175
- Thursday seminar \$175
- Both seminars \$345
- Certification Exam \$100
- Spouse meal plan \$75

Spouse Name: _____

- Attending Welcome Reception?
- Attending Key West Fest?
- Spouse attending?
- Spouse attending?

Please Return Completed Information Via: On-line:

www.topspeed.com/dc99/dc.htm

Phone:

Call TopSpeed Sales at
(800) 354-5444 or (954) 785-4555

Fax:

(954) 946-1650 (24-hours a day)

Mail:

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150 East Sample Road
Pompano Beach, Florida 33064
Attn: Susie Buchler

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Cancellation Policy:

Payments, both domestic and international, must be received prior to the conference. No attendee will be admitted into the conference without payment. Substitutions may be made at any time. Cancellations made by September 1, 1999 will be accepted subject to a cancellation service fee of \$100. Confirmed registrants, who do not attend the conference or cancel after September 1, 1999, are liable for the entire registration fee. All cancellations must be made in writing. (Non-payment does not constitute cancellation.)