

# DevCon '97

# STAYING CONNECTED

Networking People With Technology

September 22-24, 1997 • Ft. Lauderdale, Florida



**TopSpeed**  
CORPORATION

# STAYING CONNECTED

Dear Colleague:

This September, join us at DevCon '97 and experience a surge of energy as we share with you our newest technology that will grow your business and keep you out ahead of your competitors. This year's theme, "*Staying Connected*," will emphasize how the complete line of TopSpeed products will keep you connected to the world.

The conference will offer you the opportunity to interact with fellow TopSpeed developers, members of the TopSpeed Development Centre, Team TopSpeed, TopSpeed Consultants, and Third Party developers from around the world. You'll hear about TopSpeed's exciting new developments — first hand. We will provide in-depth conference sessions that will examine methods and practices for utilizing TopSpeed innovations that will link vital information throughout the enterprise. You can expect to learn the latest on Clarion 4, Professional and Enterprise Editions, Client/Server and Object-Oriented Templates.

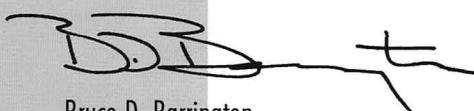
You'll learn about our Internet solution — Clarion Internet Connect, which allows anyone to access your Web-enabled Clarion programs anywhere — anytime. You will see how simple this process can be. Now you can even apply this technology to Clarion programs you have already written. Imagine real-time access to orders or inventory status for the cost of an Internet connection. Your clients from across the world can enter orders in real-time while you are sleeping. The 21<sup>st</sup> century will demand that managers, employees, vendors... anyone you do business with, have access to your business 24-hours a day; seven days a week. Now they can — from across the room or around the world.

This is your opportunity to analyze and test drive these new products and technologies for yourself. As someone who relies on information technology to stay ahead of the game, you need to get the facts on our new technology from the TopSpeed developers themselves. No one else knows these products better and no one else can provide you with such complete and precise instruction on how to apply these functions to your enterprise.

September will be here soon. Stay connected with the Clarion community and join us at DevCon '97 because technology won't wait for you — if you're not connected, you're not competitive.

I look forward to seeing you in Fort Lauderdale.

Sincerely,



Bruce D. Barrington  
Chairman & Chief Executive Officer  
TopSpeed Corporation

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Networking People With Technology

# WELCOME & ANNOUNCEMENTS

## Welcome Address

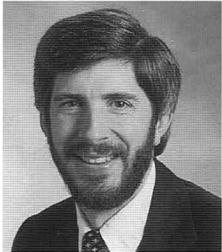


Monday, 9:00-9:30 a.m.

**Bruce Barrington**

Chairman & Chief Executive Officer  
TopSpeed Corporation

## Keynote Address

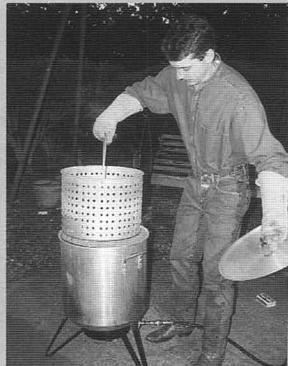


Monday, 9:40-10:40 a.m.

**Peter Coffee**

Advanced Technologies Analyst  
*PC Week*

Limited hardware, slow connections, and cumbersome development tools used to be viable excuses for inadequate applications. Today's levels of speed, connectivity, and ease of creating attractive software, approach the realm of 1980s' science fiction — but users still don't find computers consistently helpful in understanding information and doing their jobs. Peter Coffee looks at the challenges of building applications that meet these goals in an era of distributed systems, reusable software components, and the omnipresent Internet.



## WELCOME RECEPTION

Mardi Gras Night — Radisson Bahia Mar

Sunday, September 21, 1997, 6:00 p.m.

TopSpeed invites you to Mardi Gras Night at DevCon '97. By popular demand, Andrew Guidroz — The King of Cajun (and a Clarion programmer), cooks up a Cajun feast for all to enjoy! We know that it's not really Fat Tuesday, however, you can still let your hair down and enjoy a gourmet Cajun meal, courtesy of Andrew. Add a little spice to your life with great food and tons of fun. Meet up with old colleagues and make new friends pool-side at the Radisson Bahia Mar Beach Resort. Don't forget to enjoy the beautiful Florida scenery while you're there.

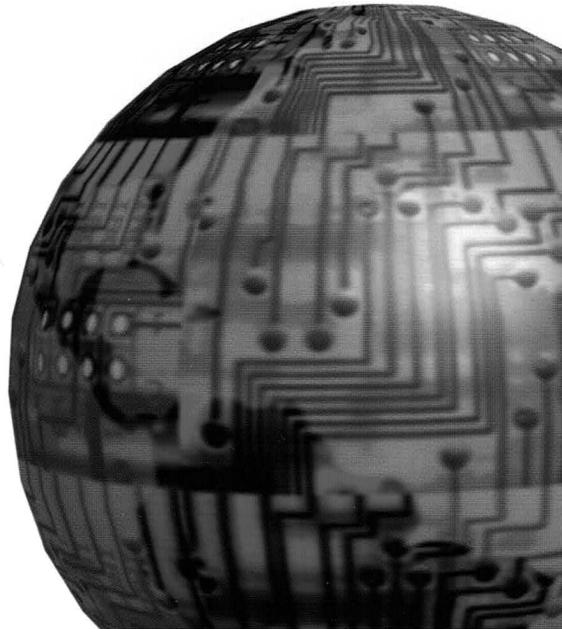
*Note: The Welcome Reception is included in the price of the conference registration for attendees only, however, if you would like to bring a spouse/guest, you are invited to do so for an additional fee. See registration page for details.*

*Laissez les bon temps roulez (Let the good times roll)!*

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**Register Now!**

Visa, MasterCard, American Express Accepted.



# GENERAL SESSIONS



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

Bruce Barrington

Chairman & Chief Executive Officer  
TopSpeed Corporation

**Clarion's Bright Future:** The turn of the century will be here before we know it. With technology changing by the minute, learn how Clarion remains ahead of the competition and leaps into the next Millennium before it's even here.

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

Kendall Goodrich

Director of Marketing & Distribution  
TopSpeed Corporation



Tuesday, 8:30-9:50 a.m.

David Bayliss, Senior Programmer  
TopSpeed Development Centre

**C4 — The Big Bang:** The central conceptual element of C4 is a shift to the object paradigm, primarily through the use of the new Application Builder Classes (ABC). David Bayliss takes you on a tour of the ABC library and discusses ways to use, configure and extend this library with reference both to template only and source level issues.



Tuesday, 10:00-11:50 a.m.

Antonio Rajan, Vice President of Sales  
TopSpeed Corporation

**Rebuttal 101:** After this session, you'll be able to respond to any objections your customers may throw at you. Learn how Clarion compares with its competitors — Visual Basic, PowerBuilder and Delphi, and why Clarion is the clear choice when it comes to development tools. This session helps to support your clients' decisions in favor of Clarion.

**How TopSpeed Can Be Your Strongest Ally:** Learn to address your customers' concerns with information about the market strength of TopSpeed, including: a solid 15-year company history; strong reviews in major publications; marketing plans; alliances with large worldwide industry leaders such as Informix, IBM, and others; and success stories from many happy customers.



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

Scott Ferrett, Programmer  
TopSpeed Development Centre

**The Enterprise Solution:** Clarion Enterprise Edition offers the "best of breed" solution for corporate developers — a single product that combines the highest development productivity with the highest application performance. (Team Development, Client/Server, Smart Buffering, Dictionary Synchronization)



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

John Iacovelli

Director of Sales Communications  
TopSpeed Corporation

**Clarion on the Net: Clarion on the Intranet, Internet, Extranet, and Any Other Nets That Should Happen to Pop Up:**

With the continuing platform wars — 16-bit Windows, 32-bit Windows, Java, Internet Explorer, Constellation, and who knows what else — the one constant is Clarion. Learn how TopSpeed intends to position Clarion so that Clarion developers can deploy to the most users with the least effort.

# AT-A GLANCE

Sunday, September 21, 1997

6:00 - 8:00 p.m. Welcome Reception

Monday, September 22, 1997

- 7:00 - 8:30 a.m. Registration
- 9:00 - 9:30 a.m. Welcome Address: Bruce Barrington, TopSpeed Corporation
- 9:40 - 10:40 a.m. Keynote Address: Peter Coffee, *PC Week* and distinguished author
- 10:50 - 11:50 a.m. General Session: *Clarion's Bright Future*  
Bruce Barrington, TopSpeed Corporation
- 12:00 - 1:30 p.m. Lunch
- 1:30 - 2:20 p.m. *Developing 3-tier Client/Server Applications Using Clarion*  
Chris Behling, ArrowRock Technology, Inc.
- Simple Survival Kit for Template Upgrades*  
Don Reynolds, World-Class Consulting Group
- Data Structures for Date and Time Critical Applications*  
Susan Alchesay, Can Do Software
- 2:30 - 3:20 p.m. *Effective Reporting in a Client/Server Environment*  
Bill Mell, Information Packaging
- Virtual Business Via Clarion & Internet Connect*  
Ted Everett, Telemarine, Inc.
- Concepts in Template Writing* - Tom Moseley, The Moseley Group
- 3:30 - 4:20 p.m. *Successful Program Development Projects — On Time, Within Budget, Goals Met* - Drew Bourrut, Bi-Tech Enterprises, Inc.
- Inter-Process Communication Using Clarion* - Ed Rees, Information Packaging
- Instant Solutions with Third Party Accessories*  
Kelly Ahern, TopSpeed Corporation
- 4:30 - 5:20 p.m. *OOP-Lates (The Marriage of Objects and Templates)*  
Ross Santos, X-Generation Software, L.L.C.
- The Server in Client/Server* - E. Edward Mindlin, JDA Software Group, Inc.
- Internet Connect in a Practical Situation* - Robert Garcia, University of California

Tuesday, September 23, 1997

- 8:30 - 9:50 a.m. General Session: *C4 — The Big Bang* - David Bayliss  
TopSpeed Development Centre
- 10:00 - 11:50 a.m. General Session: *Rebuttal 101* - Antonio Rajan, TopSpeed Corporation
- 12:00 - 3:30 p.m. Lunch / TopSpeed Product Showcase
- 3:30 - 4:20 p.m. *Implementing Clarion for Internet Connect: A Case Study*  
S. H. Parker, Independent Consultant
- Multi-user Development Techniques* - Tony Goldstein, Information Packaging
- Tips, Tricks, and Strategies to Keep Your Clarion Applications Running Smoothly* - Jim Morgan, Mitten Software
- 4:30 - 5:20 p.m. *Using Visual Components' ActiveX Controls and Integrated Templates*  
Michael Pickus, CMC Development Center
- The User-Friendly Company* - Tom Moseley, The Moseley Group
- Smart HTML Tricks* - Jim DeFabia, TopSpeed Corporation

Wednesday, September 24, 1997

- 8:30 - 9:30 a.m. General Session: *How TopSpeed Can Be Your Strongest Ally*  
Kendall Goodrich, TopSpeed Corporation
- 9:40 - 10:40 a.m. General Session: *The Enterprise Solution* - Scott Ferrett  
TopSpeed Development Centre
- 10:50 - 11:50 a.m. General Session: *Clarion on the Net — Clarion on the Intranet, Internet, Extranet, and Any Other Nets That Should Happen to Pop Up*  
John Iacovelli, TopSpeed Corporation
- 12:00 - 3:30 p.m. Lunch / TopSpeed Product Showcase
- 3:30 - 4:20 p.m. *Clarion for Windows, the Preferred Client/Server Development Tool*  
Erik Pepping, Extensie
- The Power of Views and the New ViewManager*  
Mike Hanson, BoxSoft Development Inc.
- Documentation for Dummies* - Richard Taylor, TopSpeed Corporation
- 4:30 - 5:20 p.m. *Encapsulating the Windows API with Object-Oriented Templates*  
Thomas Hummel, Information Packaging
- Clarion, the Web, OOP and You*  
Tom Hebenstreit, Consulting Services
- Developing Client/Server Applications Using Clarion*  
*Oracle Connect* - Randy Rogers, Keystone Computer Resources
- 5:30 - 6:30 p.m. Wrap Up

Thursday, September 25, 1997

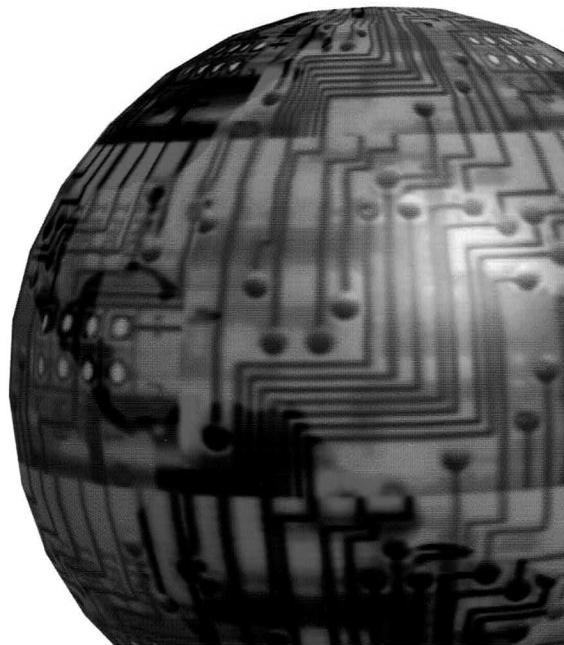
- 9:00 - 4:00 p.m. Post-Conference Seminar:  
*Clarion Internet Connect with Clarion and Clarion 4*  
Bob Foreman, TopSpeed Corporation

Friday, September 26, 1997

- 9:00 - 4:00 p.m. Post-Conference Seminar:  
*Object-Oriented Programming with Clarion 4*  
Gus Creces, TopSpeed Corporation

**Tell Your Colleagues**

The TopSpeed DevCon '97 Conference Brochure Can Also Be Found  
On The World Wide Web At <http://www.topspeed.com>



# SESSIONS

(Monday, 1:30-2:20)

**Chris Behling**

President, ArrowRock Technology, Inc.

### ***Developing 3-tier Client/Server Applications Using Clarion***

The basic components of 3-tier Client/Server design are introduced in this detailed description of how 3-tier centralizes business rules and data access methods in ActiveX automation servers. This session highlights ways to use an ActiveX automation server that receives data from a Clarion front-end, validates and processes the data using business rules from the application server and sends the valid data to a back-end server. Discover how the powerful, flexible new Client/Server architecture can impact application performance.

**Don Reynolds**

President, World-Class Consulting Group

### ***Simple Survival Kit for Template Upgrades***

Learn how to keep up with the changing dynamics of templates — Clarion's most powerful development tools. Because they change with each new release or upgrade, you need to get the most up-to-date facts. Learn why they change and how to quickly identify standard changes. These tips will enable you to realize when your custom templates need to be changed and techniques for validating upgraded template sets. Implementation of a template testing application is examined so you can go home and try it in your organization.

**Susan Alchesay**

Owner/Manager, Can Do Software

### ***Data Structures for Date and Time Critical Applications***

Time calculations across multiple days can be difficult — or very easy, if you use a simple but powerful variation of the Clarion Standard Date and Time. This session examines methods to enter, display, save, and calculate dates and times. Year 2000 compliance and its impending effects necessitate the understanding and utilization of the procedures highlighted during this discussion. Susan Alchesay points out the significant issues related to this inevitable change and how you can make the transition more easily and smoothly by implementing this Clarion technology.

(Monday, 2:30-3:20)

**Bill Mell**

Systems Analyst, Information Packaging

### ***Effective Reporting in a Client/Server Environment***

Well-designed and informative reports equal happy customers. Bill Mell examines strategies to minimize coding and maximize server-side power for creating effective and powerful reports. Clarion's standard report engine facilitates the creation of such reports to improve customer satisfaction. Describing the differences between filtering and sorting in SQL-based applications leads to a discussion on several pertinent topics. Determine report design strategy while working with Clarion's report engine. As a result, effective use of the server taking advantage of server-side calculations is achieved.

**Ted Everett**

President, Telemarine, Inc.

### ***Virtual Business Via Clarion & Internet Connect***

Because Internet Connect permits the true operation of Clarion applications on the Internet, it allows Clarion applications to support business formation and growth with a degree of efficiency, control, and global reach. This development cannot be achieved with conventional communication tools or even with elaborate multimedia Web sites. The applications described in this session facilitate both the creation and on-going administration of "virtual" businesses, which require neither physical headquarters nor fixed work schedules for their members. Learn how Clarion and Internet Connect can support recruiting members and matchmaking among business ideas, members, and investors. You can integrate suites of administrative tools for Internet access, control inclusion of prospects and customers in product development, and perform customer service with less talk and more satisfaction.

**Tom Moseley**

President, The Moseley Group

### ***Concepts in Template Writing***

Anyone can tell you what template code to write, however, you need to know the underlying concepts that all template writers should know. Through his experience as the author of the Clarion Windows templates (through CW version 2.0), Tom Moseley asks the questions: Do you know why you're writing code in a particular spot? Do you know the difference between active and passive templates? Do you know the five "times" of the template usage cycle? During this session, examine the answers to these important questions as well as determine why you need to know them in order to write template code effectively.

(Monday, 3:30-4:20)

**Drew Bourrut**

Consultant

Bi-Tech Enterprises, Inc.

### ***Successful Program Development***

#### ***Projects — On Time, Within Budget, Goals Met***

The best way to produce successful projects is to implement many small phases using constant metric monitoring and continually adjusted goals. This technique is referred to as the evolutionary development model. To successfully implement this model in your organization, you must understand and utilize the three-step principle. You must deliver something to a real end-user and measure the added value to the user in all critical dimensions. Finally, adjust both design and objectives based on observed realities, completing your project thoroughly and effectively.

**Ed Rees**

Partner, Information Packaging

### ***Inter-Process Communication***

#### ***Using Clarion***

Various methods for program-to-program communication in a single- and multi-computer environment using Clarion guides this focused session. Synchronous vs. asynchronous techniques, broadcast and direct methods, single vs. multi-thread techniques, network communications protocols, and uses in Client/Server applications all have their strengths and weaknesses. The characteristics of each method will be outlined with code examples, so you can determine which techniques work best for you in what type of situation.

# SESSIONS

Kelly Ahern

Alliance Marketing Manager, TopSpeed Corporation

## *Instant Solutions with Third Party Accessories*

Clarion Accessories add specialized functions and provide greater productivity through increased automation. These useful, pre-packaged business solutions can help you immediately. Why recreate the wheel? Save time and money by learning the benefits of these outstanding products. The Clarion Accessories Program now includes more than 40 products, offering everything from word processing and email, fax and serial communications to charting, help authoring, backup, and security utilities, and so much more!

(Monday, 4:30-5:20)

Ross Santos

Executive Vice President

X-Generation Software, L.L.C.

## *OOP-Lates (The Marriage of Objects and Templates)*

Participate in an advanced discussion on creating reusable data formatting classes implemented by templates. By using familiar data such as telephone numbers and addresses as subject matter, Ross Santos presents solutions to this formatting dilemma. The interface between data and application are OOP classes while templates implement the solution. This session shows you how to abstract data and create classes as well as create interfaces between data and classes. Learn how to mix objects with templates, extend applications quickly with OOP solutions, and reduce application code with maintainable, reusable objects.

E. Edward Mindlin

Applications Manager

JDA Software Group, Inc.

## *The Server in Client/Server*

Server-side development is the most challenging and sometimes most difficult portion of developing Client/Server applications. Problems usually arise regarding: application administration, distribution of data, and fault tolerance.

The Windows NT operating system provides an architecture to assist developers writing server applications and shields developers from some of

these complex issues. Share Edward Mindlin's experiences and successes in writing Windows NT Services using Clarion and how daily operations are affected. He also shares his insight on an application architecture that is multi-threaded, 32-bit, able to respond to TCP/IP requests from multiple clients at once, and can meet the Microsoft Back Office logo requirements.

Robert Garcia

Facilities Management Information Systems Manager

University of California, Santa Barbara

## *Internet Connect in a Practical Situation*

Project Godzilla is a construction document tracking system that allows Design and Construction Services, a unit within Facilities Management at the University of California, Santa Barbara, to manage the paper flow of construction activities on multi-million dollar capital projects. This program connects the project manager, contractors, engineers, and architects, and reduces the time spent chasing paper-based requests for information, change orders, and field orders from weeks to hours. By using the Internet for mission-critical applications, implementing security, and further recognizing World Wide Web shortcomings, you will be far ahead of the game. Learn about multi-platform support, remote connections, and roaming users, which rounds out your ability to effectively use this tracking system.

(Tuesday, 3:30-4:20)

S. H. Parker

Independent Consultant

## *Implementing Clarion for Internet Connect: A Case Study*

S. H. Parker created the first Clarion Internet Connect site in the United States, and the second Clarion Internet Connect site in the world. Listen as he explains issues involved in creating and implementing a Clarion Internet Connect powered Web site. You'll be better prepared to create and manage Clarion Internet Connect sites and gain a specific understanding of what is required to adapt current and future applications to the Web. Design issues are examined to provide you with information needed to make informed decisions when implementing your own Web site. These design issues include: servers and hardware requirements, the use of standard HTML pages alongside and within Clarion applications, efficient use of existing Web resources, differences in program behavior when run on the Web and on a PC, and whether or not a home page is right for your business.

Tony Goldstein

Systems Developer, Information Packaging

## *Multi-user Development Techniques*

Multi-user development techniques for large-scale Clarion applications are the focal point of this session. Gain insight by studying methods for managing the development process when multiple programmers are involved in a single project. Techniques and strategies that have been used and proven are shared with attendees to further outline what works in arenas such as: division of application files, DLL management, template management, version control, and fault tracking, and resolution.

Jim Morgan

President, Mitten Software

## *Tips, Tricks, and Strategies to Keep Your Clarion Applications Running Smoothly*

This session focuses on the flow of the underlying Clarion code by stepping through the code with the debugger. You are introduced to the Clarion Debugger which includes: hard mode/soft mode, debug options, and saving debug settings. Following the debugger introduction, Jim Morgan walks you through debugging steps starting with debugging data problems, debugging event problems, tips and strategies, and finally a summary that ties everything together.

# SESSIONS

(Tuesday, 4:30-5:20)

**Michael Pickus**

CEO, CMC Development Center

## *Using Visual Components' ActiveX Controls and Integrated Templates*

Add Visual Components' First Impression (charting), Formula One (spreadsheet), and VisualSpeller (spell checker) ActiveX controls to your applications. By adding these programs, you not only enable your users to pre-define charts, but you show them a whole new list of capabilities. They can now manipulate the charts and spreadsheets, populate multiple charts and spreadsheets with a single process template and even spell check memos, strings, and X-Gen's RichText.

**Tom Moseley**

President, The Moseley Group

## *The User-Friendly Company*

All too often, businesses attempt to emulate the look of Microsoft or another "big" corporation when creating a professional image for themselves. As a result, the image portrayed is cold and devoid of any personality which comes through in their documentation and advertising. Tom Moseley shows you how to personalize your corporate image and open yourself up to your customers. Learn the techniques to put personal characteristics into the look and feel of your company and have a corporate image which is personal as well as professional.

**Jim DeFabia**

Senior Technical Writer, TopSpeed Corporation

## *Smart HTML Tricks*

TopSpeed's Webmaster shows you insider's tips, tricks, and techniques of all aspects of Web page design. Learn when and how to use frames, tables, and graphics to create the best page layout, and how to integrate these techniques into your Web-enabled Clarion applications. Make the most of embedded HTML in your Clarion Web-enabled applications.

If you are developing Internet/Intranet/Extranet applications, you cannot afford to miss this session.

(Wednesday, 3:30-4:20)

**Erik Pepping**

Technical Director, Extensie

## *Clarion for Windows, the Preferred Client/Server Development Tool*

Often, developers stick to what they know best: PC-based database development with record at-a-time processing. This session takes you to the next step where RDBMS is implemented with Clarion for Windows as the development tool. Erik Pepping explains the importance of Client/Server development by using an example application developed in Europe for Cervix Cancer Screening as his model. A focus on development with Oracle outlines real differences between record at-a-time and set processing, advantages of Clarion compared to VB5/PowerBuilder, and other tools, and the principles of SQL database drivers. You also benefit from discussions on SQL templates vs. regular templates and performance issues related to RDBMS.

**Mike Hanson**

President, BoxSoft Development Inc.

## *The Power of Views and the New ViewManager*

Clarion 4 has added a new ViewManager class that is used extensively throughout the templates. This system can perform miracles when you add layered filters and complex order clauses. This session helps you fully understand the technology and how it works so that you can perform miracles at your company. As a foundation, learn what a view is and how the OOP templates encapsulate views. This leads you to recognize what filters and orders can do for you and how the ViewManager implements them, as well as methods to organize views to optimize your applications. You will discover how to use the ViewManager in your own procedures and templates.

**Richard Taylor**

Director of Technical Communications, TopSpeed Corporation

## *Documentation for Dummies*

The "for Dummies" series of books published by IDG Books has enjoyed tremendous success — users have bought, read, and learned a great deal about some very sophisticated software from them (including programming languages such as C++, Delphi, and Clarion). At the same time, most users complain about the quality of the documentation that accompanies almost every piece of software ever published. So, what do the "for Dummies" books do right that most software manuals don't? The architect of Clarion's much-praised documentation examines this question and provides you with tips to improve your software's documentation so that the users that actually do read the fabulous manuals will praise them.

(Wednesday, 4:30-5:20)

**Thomas Hummel**

Systems Designer, Information Packaging

## *Encapsulating the Windows API with Object-Oriented Templates*

Utilizing Object-Oriented Programming (OOP) techniques to encapsulate commonly used Windows API functions is the core of this discussion. Take advantage of Clarion's OOP features in order to provide clear, easy to understand code. Discover how to create useful Object-Oriented templates for handling API functions and in turn, create more stable and reliable code. Using the OOP paradigm enables code to be easily maintained and reused. Increase productivity and extend these techniques to other areas of coding.

**Thomas Hebenstreit**

Owner, Consulting Services

## *Clarion, the Web, OOP and You*

Clarion continues to solve practical business needs by creating programs which can be used to gather and display information via a World Wide Web site. This presentation walks you through the entire process beginning with how a web server communicates with your program and how your program interprets and stores what it receives from a web server. The process continues as you learn how your program responds, for example, by dynamically creating Web pages to send back to the users based on their requests, and finally you see how to transfer data files to and from your Web site from within a Clarion program. The entire process enables information collected or displayed on the Web to be integrated into your business systems.

**Randy Rogers**

President, Keystone Computer Resources

## *Developing Client/Server Applications Using Clarion Oracle Connect*

There are many pitfalls along the road to creating a robust Clarion/Oracle Client/Server application, particularly for developers who have little knowledge of the Oracle Database Server environment. This session offers detailed information on the do's and don'ts necessary to simplify the development process. By examining proper planning tools such as: database design considerations, Oracle tuning parameters, template modification ideas, available tools, and advantages of driver strings, the development of Clarion Client/Server applications for Oracle Database Server becomes relatively straight forward.

# IN-DEPTH, POST-CONFERENCE SEMINARS

(Thursday, September 25, 9:00-4:00)

**Bob Foreman, Senior Instructor and Consultant**

**TopSpeed Corporation**

*Clarion Internet Connect with Clarion and Clarion 4:  
Client-Server, Web-Based Application Design and Implementation*

Pre-Requisites: A working knowledge of the Clarion language.

A good familiarity with the Application Generator environment.

This seminar focuses on the tools and techniques necessary for developing new Internet applications and enabling legacy applications using Clarion/Clarion 4 and Clarion Internet Connect. Attendees get a brief overview of Internet terms, protocols, and an Internet-ready application. Topics include: using HTML, Java and other languages with Clarion/Clarion 4; using the Clarion Application Broker and the Clarion Internet Developer's Kit; and using the Clarion Broker Builder Class (BBC) Libraries. A seminar handbook and solutions diskette will be provided with this seminar.

Prior to attending, a quick review of the Clarion User's Guide and Language Reference, and any third party book on HTML or Java would be helpful, but not required.

(Friday, September 26, 9:00-4:00)

**Gus Creces, Senior Instructor and Consultant**

**TopSpeed Corporation**

*Using Object-Oriented Programming with Clarion 4:  
Template Wrappers with Code-Based Design*

Pre-Requisites: A working knowledge of the Clarion Language.

A good familiarity with the Application Generator environment.

This seminar examines the implementation of OOP into the standard Clarion 4 development environment. A review of design basics is followed by a detailed explanation of building OOP objects using the Clarion Language. Techniques using templates make it easy to use OOP code in your application, using a "wrapper" design combined with a variety of embedding techniques. This seminar takes topics like Inheritance, Polymorphism, Encapsulation and Classes and explains them in plain English. Your instructor will provide dozens of code-based, pre-built objects including the templates necessary to easily tie them into a standard application environment. Examples of these objects include a Spell Checker and a Global Note Pad.

Attendees get a look at the implementation of existing objects. A seminar handbook and solutions diskette will be provided with this seminar.

Prior to attending, a quick review of a any good book on Object-Oriented Programming would be helpful, but not required.

# TOPSPEED THIRD PARTY PRODUCT SHOWCASE

To complement the new Clarion methods and strategies you learned in the conference sessions, this showcase offers the latest solutions needed to implement these technologies. Clarion solution providers personally demonstrate their products and services to help you meet all of your technology needs. Imagine finding everything you need in one place.

## Team TopSpeed Help Desk

Team TopSpeed is a group of dedicated volunteers who are not TopSpeed employees, but who act as "hosts" on our CompuServe forum, as well as on the Internet. By answering questions and offering suggestions, they have become Clarion experts, improving the programming skills of everyone on the forum. This is your chance to meet the members of the Team, face-to-face, in a social setting. Have your questions ready because they have the answers!

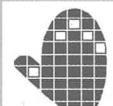
## Consultants' Corner

Are your Clarion resources over-worked? Do you have more work to be done than resources to accomplish it? Do you still have DOS-based applications that need to be updated to Windows? Are there just not enough hours in your day? Stop by the Consultants' Corner and let the TopSpeed Consultants help you.

## TopSpeed Product Sales

You can purchase the latest TopSpeed technology innovations right on the showcase floor. In addition to taking home a fountain of knowledge, you can also take home the products referred to by your session speakers. Start implementing your solution strategies as soon as you get home.

### Mitten Software



Mitten Software provides Clarion tools, templates and consulting services. Products include BoxSoft's Super Templates, Accounting Source Code, the Word Template, Allerup Templates, and Dictionary Tools. Solve your Clarion problems easily. Come see why over 10,000 Clarion developers have turned to Mitten Software in the past eight years. Visit our booth at the conference or our Web site at [www.Mittensw.com](http://www.Mittensw.com).

### Total Management

#### *Now You Can Run Your Entire Business on the Internet*

For over 15 years, Total Management has been the first to give the world what it wants, and they have done it again. Now, run Windows 95 and Windows NT Client/Server applications on the World Wide Web with just a Web TV as a workstation and any off-the-shelf browser. This is possible by using Total Management's applications and technology, real-time against your existing Client/Server databases.



### Clarion Accessory Partners

	Products
Carl Barnes .....	CW Assistant
CMC Development Center .....	MAP VisualSpeller, First Impression
Cowboy Computing Solutions .....	SQL Client/Server Templates
CapeSoft .....	SecWin, File Manager 2, EzHelp
Creative PC Solutions .....	CPCS Reporting Tools
Don Childers Assoc. .....	Programmer's Toolkit
Gitano Software .....	G-REG
Gerald Duke and Company .....	Application Shells
Keystone Computer Resources .....	NetTools Templates
Lodestar Software .....	Report and Presentation Manager
The Moseley Group .....	Dictionary Enhancement Toolkit
Paragon Design and Development .....	UltraTree
Prododus .....	CWIntl, CW Translator, CW Fin, Date Tools & Lookup Bundle
Tin Man Software .....	DAS_Tools
UTA Business Systems .....	Team Developer Kit
X-Generation Software, L.L.C. .....	RichX
Pea Brain Software .....	Data Modeler
Stealth Software .....	Mail and Fax Templates

# EXTRACURRICULAR ACTIVITIES

## Hawk's Cay Resort and Marina — Duck Key, Florida, September 15-21, 1997

Get away to this 60-acre private island before the conference begins. You'll enjoy exquisite dining, clear blue waters, balconies that offer breathtaking views from spacious guest rooms, and all the leisure activities you can imagine from golf to scuba diving to lounging by the lagoon or pool. Hawk's Cay is offering a special discounted price of \$115 per night from one week prior to and up to the conference. To make your getaway reservations, call Hawk's Cay Resort at (800) 432-2242 or (305) 743-7000 and ask for the TopSpeed Corporation rate.

## World Famous Jungle Queen Riverboat — Radisson Bahia Mar, Daily 7:00 p.m.-11:00 p.m.

The Jungle Queen Bar-B-Que and Shrimp Dinner Cruise is a must when visiting Ft. Lauderdale. You leave the Bahia Mar Docks and sail up the New River to a tropical island for dinner while experiencing all of nature's little pleasures along the way. Entertainment, food and drink, and a sing-a-long will make this evening a night you will never forget. Enjoy all the food you can eat for just \$23.95 plus tax (cash or traveler's check). To make reservations for this enchanting cruise, call the concierge desk at (954) 627-6357 between 8:00 a.m. and 5:00 p.m. Monday through Saturday.

## The SeaEscape — Radisson Bahia Mar, Tuesday, September 23, 1997

Cruise the open seas on south Florida's famous luxury cruise liner. If you enjoy gambling, entertainment, and parties, you'll love the SeaEscape. A cruise out into the deep blue ocean offers the best of sun-filled activities and Florida's exciting night life. Choose either the day cruise from 10:00 a.m. to 4:00 p.m. or the evening cruise from 7:30 p.m. to 12:45 a.m. A shuttle will pick you up and drop you off right in front of the hotel. The price of \$39.95 includes breakfast and lunch for the day cruise or dinner for the evening cruise. All major credit cards are accepted. To make reservations, call the concierge desk at (954) 627-6357 between 8:00 a.m. and 5:00 p.m. Monday through Saturday.

*All extracurricular activities, except for the Welcome Reception, are separate from the conference package and are coordinated by the facilities. Any inquiries and reservations must be directed to the phone numbers given for each event. For information on any activities offered in the Ft. Lauderdale area, please visit your concierge at the Radisson Bahia Mar Beach Resort.*

## CONFERENCE AND TRAVEL SERVICES

**Meeting Site and Host Hotel**  
Radisson Bahia Mar Beach Resort  
801 Seabreeze Boulevard  
Fort Lauderdale, Florida 33316

Located on a 40-acre, beach front resort, the Radisson offers a variety of water sports as well as tennis courts, a marina and six nearby golf courses. This lovely paradise is within walking distance from the area's newest shopping on Las Olas Boulevard which is also the center of exciting Riverwalk entertainment. As you stroll down the Riverwalk, you will encounter the most eclectic restaurants, jazz clubs, fine boutiques and art galleries. You'll want to extend your stay so you can experience everything that Ft. Lauderdale has to offer.

**Call CATS:** (800) 767-2755  
(508) 470-3933  
**Fax:** (508) 470-2506  
**Email:** cats@dclexpo.com  
**Web:** www.CATStravel.com

DCI is pleased to offer you special group hotel rates at DevCon '97. We also offer discounted airfares on designated airline carriers.\* To receive discounted reservations or information on these special services, please call Conference and Travel Services (CATS) at (800) 767-2755 or (508) 470-3933, fax (508) 470-2506, or email cats@dclexpo.com. Other hotels and rates available upon request. Convention rates are available up to three weeks prior to the event, at which time room reservations are on a space available basis. Early booking is strongly advised.

\* Discounts only apply to hotel space reserved through CATS.

## DISCOUNTED AIRFARES AVAILABLE - WE HAVE GREAT RATES!

Hotel/Travel Reservation Form  
TopSpeed Developers' Conference, DevCon '97  
Radisson Bahia Mar Beach Resort  
September 22-24, 1997

Accommodations for: (Copy or attach list for additional reservations)

First Name \_\_\_\_\_ Last Name \_\_\_\_\_

Company \_\_\_\_\_ Title \_\_\_\_\_

Address \_\_\_\_\_

Mail Stop \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Country \_\_\_\_\_ Telephone \_\_\_\_\_

Fax \_\_\_\_\_ Email \_\_\_\_\_

### Travel Information:

Please indicate if you are:

A Third Party Vendor     An Attendee     A Speaker

Arrival Date \_\_\_\_\_ Departure Date \_\_\_\_\_ #Nights \_\_\_\_\_

S = Single (1 person, 1bed)     DD = Double/Double (2 people, 2 beds)\*

D = Double (2 people, 1bed)     SU = Suite (Indicate 1 or 2 bedroom)\*

If requesting accommodations for two people, indicate the full name of the sharing party below:

Call CATS: (800) 767-2755 or (508) 470-3933  
Fax CATS: (508) 470-2506 • Email CATS: cats@dclexpo.com

### Conference Payment/Cancellation Policy:

Payments, both domestic and international, must be received on or before September 16, 1997. No attendee will be admitted into the conference without payment by either check, cash, traveler's check, credit card, training document, or purchase order number. Substitutions may be made at any time. Cancellations made by September 1, 1997 will be accepted subject to a cancellation service of \$100. Confirmed registrants who do not attend the conference or cancel after September 1, 1997 are liable for the entire registration fee. All cancellations must be made in writing. (Please note: non-payment does not constitute cancellation).

### Develop Your Technical Skills!

Attend Our Post-Conference Seminars! See Page 9 for Details. Special Registration Required.

# The 1997 TopSpeed Developers' Conference — DevCon '97

## September 22-24, 1997 / Radisson Bahia Mar Beach Resort / Ft. Lauderdale, FL

### Registration Information

(Please fill out completely. Photocopy this form for additional registrants)

#### TopSpeed DevCon '97 September 22-24, 1997

(5898)	<input type="checkbox"/> 3-Day Core Conference -----	\$795.00
	<input type="checkbox"/> 4-Day Package (includes one post-conference seminar) -----	\$970.00
	<input type="checkbox"/> 5-Day Package (includes two post-conference seminars) -----	\$1095.00
	<input type="checkbox"/> Three Continental Breakfasts (free for attendees) -----	\$30.00 for each guest
	<input type="checkbox"/> Mardi Gras Night-Welcome Reception (free for attendees) -----	\$30.00 for each guest
	<input type="checkbox"/> Three Continental Breakfasts and Welcome Reception (free for attendees) -----	\$60.00 for each guest

#### Post-Conference Seminars (Stand Alone)

One Seminar -----	\$175.00
Two Seminars -----	\$300.00

Thursday, September 25 — 9:00 a.m. - 4:00 p.m.

(8651)	<input type="checkbox"/> Clarion Internet Connect with Clarion and Clarion 4
--------	--

Friday, September 26 — 9:00 a.m. - 4:00 p.m.

(8546)	<input type="checkbox"/> Using Object-Oriented Programming with Clarion 4
--------	---

Name \_\_\_\_\_

Title \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

Mail Stop \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Telephone \_\_\_\_\_ Fax \_\_\_\_\_

Email Address \_\_\_\_\_

**Important Registration Information:** To facilitate your registration, you will be assigned a Confirmation Number. This Confirmation Number will appear on your confirmation letter and on your invoice/receipt. If you have not received your confirmation packet and confirmation number within 5-business days of registering, please call the TopSpeed DevCon '97 line at (800) 767-2336 or (508) 470-3880. While late registrations and walk-ins on-site are accepted, save time by receiving your badge in the mail — just register and pre-pay two weeks or more before the event. Bring your badge to the Express Registration counter on-site and get in the fast track!

■ The TopSpeed DevCon '97  
■ PO Box 2001  
■ Andover, MA 01810  
■ TZDIH00

Bulk Rate  
U.S. Postage  
**PAID**  
Permit No. 3629  
Ft. Lauderdale, FL

■ Is this address correct? Please indicate any change above. MAILROOM: Please route this brochure to this person's manager or replacement if he/she is no longer employed at your company.

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Mail TopSpeed DevCon '97  
c/o DCI  
PO Box 2001  
Andover, MA 01810

Fax (508) 470-0526  
24-hours a day

Call (800) 767-2336 (US and Canada Only)  
8:30 a.m. - 6:00 p.m. EST  
(508) 470-3880

### Register Electronically

\*Email ConfReg@dclexpo.com

\* In the subject line of your email message, please include your 7-digit priority code from the mailing label and reference the TopSpeed DevCon'97. In the message, please include your name, title, company, mailing address, and telephone and fax numbers.

Web www.DClexpo.com/topspeed

### Conference Payment/Cancellation Policy: See page 11

### Method of Payment

Check enclosed  
Payable to: TopSpeed Developers' Conference

Visa     MasterCard     American Express

Cardholder Name \_\_\_\_\_

Card Number \_\_\_\_\_

Expiration Date \_\_\_\_\_

Authorized Signature \_\_\_\_\_

P.O. Number \_\_\_\_\_

Authorized Documents Attached

Bill My Firm, Attn: \_\_\_\_\_

**Hotel and Airfare Rates Available.  
Call (800) 767-2755 or (508) 470-3933**