



TERATECH NEWS

Tools for Programmers

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Lucy Mwinamo, Editor

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This month we cover:

- ?? CF DEV Edge
- ?? Fusebox Training
- ?? New Staff Member
- ?? Cyber Backlash
- ?? Management Tips Corner

CF DEV Edge in NYC

Over 2700 developers went to JDJEdge conference in New York City, our president Michael Smith spoke at ColdFusion Edge and checked out the rest of the conference:

"The conference was held September 23-26th 2001 and in case you have forgotten that was only twelve days after the 9/11 World Trade Center destruction. So I was a bit nervous coming into the city to the largest hotel in Manhattan – the Hilton on Avenue of the Americas just south of Central Park. But I needn't have worried! The conference was going as planned and had even been welcomed by Mayor Giuliani for showing confidence in the city.

"Against the backdrop of recent tragic events, there were certainly some glitches to overcome and last-minute speaker substitutions to arrange, but the Sys-Con Events team managed to valiantly to pull off an exciting and information-packed event. Many speakers including me stepped up to the plate to cover other speakers' presentations when the original speaker wasn't present.

"First stop Monday was the ColdFusion keynote speech given by Ben Forta. As usual Ben captivated the room with his charm and quick answers to any ColdFusion questions. Then I went down to hear the end of the Java keynote by the "father of Java" Dr. James Gosling who spoke on the History of Distributed Computing. His presentation served to put the up-and-coming world of Web Services into historical perspective compared to early mainframes and new PDAs!

"Tuesday was an early 8a.m. start with master teacher Charlie Arehart explaining ColdFusion database basics to a packed classroom. It was mentioned that over 70% of all application

performance problems are related to poor database design and bad SQL queries!"



Michael interviews the president of CodeHound.

In addition to the conference there was an expo floor with about forty companies showing their products. Most were for Java, but one, CodeHound.com, was for ColdFusion too – it is a search engine for programming languages – Java, VB and SQL are already covered and ColdFusion is due out in December 2001. On the show floor Sys-Con radio was "internet-casting" live via the web and Michael hopped on board and gave a couple of interviews for them.

New Staff Member

Please join me in welcoming Patricia Lima to the TeraTech staff. She will be helping with administrative work and conference coordination.

Fusebox Training

David Schroeder and Michael Smith gave a 2 hour "Welcome to Fusebox" class on Saturday 10/5/01. The class was filled to overflowing with ColdFusion programmers eager to learn the Fusebox programming methodology and to save programming time in their apps.

New ColdFusion and Fusebox classes

New intensive classes on ColdFusion and Fusebox are starting this month. Classes limited to 12

students each so that you can be sure to get your own questions answered! Sign up at <http://www.teratech.com/training/>

- ?? CF 101 - Welcome to ColdFusion 10/29/01
Half-Day course noon-4pm - \$199
- ?? CF 102 - Intro to ColdFusion 10/30/01
Full Day course 9am-5pm - \$349
- ?? FB 101 - Intro to Fusebox 5/5/01
Half-Day course noon-4pm - \$199

Cyber Backlash

America's war on terrorism will produce a cyber backlash. When the attack starts, there will be some of these terrorist countries striking back from cyberspace.

SANS Institute in Bethesda Maryland has updated the list of the most critical security vulnerabilities. The list, which expands last year's top 10 vulnerabilities to 20, accounts for the majority of successful hacker attacks. Details of the vulnerabilities can be found at the SANS Web site, at www.sans.org.

General:

- ?? Default installation of operating systems and applications Weak passwords
- ?? Incomplete backup of data
- ?? Unneeded ports left open
- ?? Packets not filtered for correct incoming and outgoing addresses
- ?? Incomplete logging of network activity
- ?? Vulnerable Common Gateway Interface programs.



Analyst Beth Barnett at work protecting our network

Windows:

- ?? Vulnerability in the Unicode Standard allowing Web servers to be hacked through a faulty URL
- ?? Internet Services Application Programming Interface buffer overflows
- ?? Internet Information Server Remote Data Services exploit

- ?? Unprotected networking shares
- ?? Null session connections
- ?? Weak default password protection in LAN Manager. For more information visit:

http://www.ispworld.com/isp/newsletter/observer/Observer_News_100901.htm

Management Tips

By Miki Saxon www.RampUpSolutions.com, miki@RampUpSolutions.com (copyright 2001)

If you read any of the hundreds of how-to books written about good people management you'll find great similarities between them. So, what happens during implementation? Why can the de facto difference between managers be so enormous? The answer goes back to one of two basic beliefs that are formed and held long before the "A" person becomes a manager.

A. People are intelligent, motivated, and really care about helping their company achieve its objectives.

B. People are stupid, don't care, and will screw up if you don't watch them every minute.

Variations of A are discussed, lauded, and underlay most "good" management practices.

Variations of B are rarely admitted, infrequently discussed, and can be largely unconscious.

B-----A

Think of it as a scale: 10

0 _____ 10

Do managers on the B-side of the scale always fail while those on the "A" side are guaranteed success? I don't think so (although it would be nice:)

What does this mean to you? If you're a current or future manager **you** need to be aware of where you are on the scale and then decide if that's where you want to be—information that is nobody else's business.

If you like where you are do nothing, you're all set. Remember that changes undertaken as a result of what "they" say rarely happen, so if you think you decide to alter your location on the scale be sure that it is **you** who wants to change,

TERATECH CUSTOM PROGRAMMING

- o ColdFusion
- o VisualBasic
- o SQL, Oracle, Access, FoxPro
- o Numeric Analysis

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