



TERATECH NEWS

Tools for Programmers

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Lucy Mwinamo, Editor

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This month we cover:

- ?? NPS Oracle Work
- ?? Society Nuclear Medicine
- ?? Geoscan Survey tool
- ?? One-on-One CF Training
- ?? To keep or not to keep
- ?? CF2001

NPS Oracle Work



The National Park Service, Harpers Ferry Center, is responsible for planning, producing, and maintaining media for the National Park

Service's more than 375 areas. TeraTech has designed a ColdFusion intranet for the thousand of park staff to update the condition of indoor and outdoor exhibits, films, publications, and videos at natural and historic sites, in visitor centers, historic structures, battlefields, and park areas. The data is stored in an Oracle8i database and included both graphics and long textual descriptions of the Park items.

Society of Nuclear Medicine



TeraTech is converting the Society of Nuclear Medicine website from hardcoded HTML to dynamic ColdFusion. Instead of navigation

links being repeated across hundreds of pages, making updates time consuming, they are now in one central file that is CFINCLUDE'd in each page. Additionally the site has been structured using FuseBox methodology to save maintenance time.

TeraTech also added a database driven event calendar, job bank and hot topics pages with the items being stored in a SQL Server database. As events expire they are automatically removed from the events list page and displayed on an archive page. New jobs pass though an email-website workflow system to allow SNM staff to validate the ads.

<http://snm.teratech.com/>

Geoscan Survey Tool

GeoScan Research needed a survey program to collect and do calculations on archaeological data. TeraTech did the project in two stages - first a prototype of Survey was written in Visual Basic to confirm layout and logical of the code. Then a production system was created using a hash table to store the survey data. This produced a more compact install file when compared to one produced using an Access database.

One-on-One CF Training



We now provide personal hands-on ColdFusion training. You can learn new programming skills, eliminate bugs, and perform server configuration or a security audit.

Here how it works:

- ?? Call or email us
- ?? The current rate is \$120 per hour
- ?? Visa, MasterCard, Amex, Discover or Check
- ?? On site – 4 hour minimum
- ?? Via phone and email – 1 hour minimum

For your expert ColdFusion programming, configuration or tutoring give me a ring on 301-881-1440 x110 or email Michael@teratech.com

To Keep or not to keep...

To retain your people - no matter the size of your company, the value of the stock options, or the lack of them - you need to possess a culture that makes people want to join and stay.

It's that simple.

It's not very scientific, but far beyond the product, the job, and the benefits, it's the *people* and the *culture* that create the desire in a candidate to say "Yes!" to the offer. And when fundamental changes in the culture occur people say yes again...only then it's to headhunters and recruiters.

So, if it's culture that keeps them, where does it come from? Culture is a reflection of the philosophy, attitudes, and style of the CEO**. It's not created in a brainstorming session, although a DESIRED culture might be discussed. Even then, if the CEO doesn't truly support it, it'll be a corporate non-event. Exceptions (both good and bad) do happen, especially as companies grow. Subcultures can flourish under a specific manager, but when that manager leaves, and the culture changes, the whole group usually turns over within a few months. Although culture is regarded as complex, it actually stems from one of two basic attitudes. Managers at all levels espouse one or the other. If they believe that:

1. People are intelligent, motivated, and they genuinely want to support the company in achieving its objectives, then the culture will be one of high productivity, where people grow, thrive, and stay.

2. People are incompetent, don't care, and will screw up if you give them a chance, then the culture will be one of fear, micro-management, low productivity, and high turnover. If asked publicly, CEOs and managers will usually claim allegiance to principle number 1 - rarely is anybody as candid as "Chainsaw" Al Dunlap ("If you want friends, buy a couple of dogs.") who is a number 2 guy all the way. Some companies try and fake their culture, talking about how great it is in the media and during candidate interviews, but for today's workforce, what they see and hear better be what they get, or they'll be gone.

By Miki Saxon, CEO RampUp Solutions, Inc.

<http://www.RampUpSolutions.com>

CF2001-A ColdFusion Odyssey

TeraTech is holding a ColdFusion conference on July 28th and 28th at NIH in Bethesda, MD. The speakers will be:

- ?? **Charlie Arehart-** "Going from CF to Java"
- ?? **Matt Brown-** "Future of CF Studio"
- ?? **Mark Chambers-** "UltraDev and the Macromedia Community"
- ?? **Steve Drucker-** "Flash and ColdFusion"
- ?? **Christine Pascarella-** "CF Hosting tips and tricks"
- ?? **Shlomy Gantz-** "Cool CF Debugging"

- ?? **Hal Helms-** "XFB Revealed"
- ?? **Matt Liotta-** "CF on Linux"
- ?? **Steve Nelson-** "The UN-Mythical Man Month"
- ?? **Robi Sen-** "CF and Big Iron"
- ?? **Dave Watts-** "Extreme TBA."

The registration fee is \$149, sign up today to reserve your space at the conference!

For more information:

http://www.cfconf.org/2001CF_Odyssey/

Here is an outline of some of the good things we learned on June 20th evening, at the Macromedia Roadshow on CF5 and UltraDev.

New things in CF5:

- ?? User Defined Functions
- ?? Query of Queries
- ?? Charting <CF_Graph>
- ?? Crystal Reports 8 Support
- ?? Enhanced Verity Search (K2 engine)

Management Tools:

- ?? Archive, deploy and restore entire applications
- ?? Backup and version control
- ?? Application monitoring
- ?? Log Analyzer
- ?? Context Sensitive Help

Performance:

- ?? Up to 4 times faster on Linux
- ?? Up to 3 times faster on Windows
- ?? Wire Protocol ODBC Drivers
- ?? Incremental Page Delivery (Buffer Flushing)
- ?? <CF_FORM> enhancements
- ?? Support for CF5 tags can be installed into CF STUDIO 4.5

About UltraDev

Ultra Dev *is* DreamWeaver, with some added DB connectivity. Some things designed in UltraDev get converted to HMTL, JavaScript and CFML. UltraDev writes the HTML/JavaScript/CFML for you for a lot of common tasks.

DataBinding

- ?? Sets up a connection to the DB
- ?? Setup a bound "area"

Server Behaviors

- ?? Defines how UltraDev will write the CF code
- ?? Can be added to and customized
- ?? Default behaviors can be modified
- ?? Documents previously edited in UltraDev can always be opened in UltraDev again.

TERATECH CUSTOM PROGRAMMING

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

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