

CF5 in Depth: Opportunities and Challenges

The One Day Seminar, with Charlie Arehart

Do you really know what's new in CF 5? If you can't name more than 10 new features, you're missing out! Even then, do you have anything more than a passing understanding of what's new? More than that, **do you know the "gotchas"?** Do you know **what's no longer supported?** What was **broken before but now is fixed?** Maybe you can now use something you couldn't before.

In this day-long seminar, veteran CF trainer/user group speaker Charlie Arehart will show you—in his popular presentation style—not only what's new but also **how to make the most of Release 5.**

Sharing practical, **real-world experiences and his encyclopedic knowledge** of ColdFusion 5, Charlie will demonstrate that Release 5 **offers much more than most will know**, even if they've seen presentations and articles or read the information offered on the Release 5 Overview page at Macromedia's site.

And it's one thing to "know" the feature exists, but quite another to **see the code to make it work**, and **learn the gotchas**. You'll **save yourself days** or perhaps weeks of effort and have **real working code examples** (and walk through setup/use of the nifty new administrative tools).

Finally, even if you've read the manuals cover to cover like he has (if you knew there *were* manuals and had access to them), there are still **things that are not well-documented, if at all.**

Topics

- The "usual suspect" list of most-discussed new features
- **Dozens (yes, dozens!) of still more new** features
- **Real uses of all the new features** (with walkthroughs, code samples, and more)
- **Details and challenges** of using all the new features
- The **gotchas** (installation issues, bugs, doc mistakes and more)
- Previous release features now **deprecated and/or no longer supported**
- Previous **release problems now fixed**
- Features available only in Enterprise, or on some platforms
- Topics **not covered well**, if at all, in the documentation and release notes
- **Dozens (yes, dozens) of available CF 5 resources** to peruse yourself

Dates/Locations/Cost

The seminar will be scheduled soon for several public locations, to be listed at www.systemmanage.com. The cost is a mere US\$150--**far less than the value of your time** to read about and try out all the new features, and uncover and resolve the many challenges. Even then, you'll learn about topics you may not uncover easily on your own.

Onsite Presentations

The seminar can be presented in **on-site corporate settings, with no limit on the size of the group**, for just US\$1500 (discounts for multiple companies). **Contact Charlie for more information.** Also available in an abbreviated one-hour preview format for user groups, both internal and public.

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(See **reverse** for detailed topics)

Think you've heard all there is to know about CF5?

Sure, there are the usual suspects:

- Query of Queries, User Defined Functions, CFGGRAPH, CFFLUSH, Verity K2, and more
- System Monitoring/Reporting/Logging/Archival features; Performance/memory enhancements

But are you aware of the following other new features, to name just a few:

- you can now add your own templates/applications to the administrator interface
- how to use the new Merant Wire protocol drivers, and where to find add'l docs within CF
- GetHTTPRequestData() for SOAP processing, GetException() for Java processing
- CFSAVECONTENT, CFOBJECTCACHE, the incredibly useful CFDUMP
- how CFSAVECONTENT can be used to cache slow, "nearly static" portions of a page
- CFGRID is enhanced, including drop-down lists, checkboxes, columns that sort on dbl-click
- you can now query a datasource without needing a datasource (dsn) defined in the admin
- how dsn-less connections have "maintain connections" on by default, & how to change that
- enhanced resource view for advanced security, and the new buttons to flush its cache
- a change in licensing allowing use of a single license on multiple OS's (on a single machine)
- the new dynamic java class loader for working with java objects
- the new updated TagInfusion pack for Studio 4.5.2, holding the tag definitions/help for R5

And even among the "usual suspects", did you know about the following features, to name several:

- the 9 tags that create result sets useful for query of queries, CFGraph, and more
- when a query of queries makes sense, and when it doesn't
- when user defined functions (UDFs) make sense, and when they don't
- public UDF libraries, like CFLib.org with dozens of open source string/math/data/security UDFs
- you can setup CFGraphs to support drill-down by clicking on a bar or pie wedge
- you can also graph non-query data, passing one more values with CFGGRAPHDATA
- the 6 tags that you can't use on a page that does CFFLUSH, such as CFLOCATION/CFCOOKIE
- Verity K2 Server supports site spidering, searching remote servers, and more
- every change to the administrator is now tracked and can be reported/monitored
- how to setup both "default" and "custom" server probes in the Monitor feature
- the purpose of the tools in cfusion\cfam\btauxdir
- you can setup probe to monitor a remote server (such as a hosted server) to track any failures
- how to setup an email notification process for one, rather than simply all, probes
- you can use the archive/deploy feature to serve up packaged applications to remote visitors
- archive builds can be scheduled to occur on a scheduled, recurrent basis

And were you aware of some of the challenges you may need to solve, including:

- what easy mistake in using CFGGRAPH (which is a default, no less) will crash the graph server
- what the install of CF5 will/may do to your existing JRun setup
- what critical Siteminder installation issues exist and steps you'll need to take
- how to troubleshoot/tune the graph, report, monitor servers
- WHERE clause matching in query of queries is unexpectedly case-sensitive
- query of queries date processing doesn't support ODBC dateformat
- performance reports are based on interval samples, not a sum of all occurrences

And did you know about some things broken previously that are now working, to name just a few:

- the duplicate() function now works as expected
- an improperly formatted file in mail spool no longer causes all spool files to never be sent
- the "Disable database connection" feature for DSNs in the Admin now works as expected

And there are still more topics he'll discuss in each area!