Introducing the CF Administrator (BC107)

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Overview

✓ Different audiences for the CF Admin
✓ Settings and tasks by categories
✓ Differences in Standard, Enterprise
✓ Changes in recent releases
✓ Additional Topics
✓ Learning More
About Charlie Arehart

- Independent consultant since April 2006
- 10 yrs CF experience (25 in Enterprise IT)
  - Member, Adobe Community Experts
  - Certified Adv CF Developer (4 - 7), Cert. Adobe Instructor
  - Frequent speaker to user groups, conferences worldwide
  - Contributor to Ben Forta’s CF8 books, past *ColdFusion MX Bible*
  - Run the Online ColdFusion Meetup (coldfusionmeetup.com)
  - Living in Alpharetta, Georgia (north of Atlanta)

- **Web home at** [www.carehart.org](http://www.carehart.org)
  - Hosts 175+ blog entries, 50+ articles, 70+ presentations, more
  - UGTV: recordings of presentations by over 100 CFUG speakers
  - AskCharlie: per-minute telephone & web-based CF support
Speaking Schedule

Tuesday
- Daylong class, "New in CFMX 6/7, what did you miss?"
- 8pm Minimax talk, "Hidden Gems in CF8"

Wed
- 8pm: Birds of a Feather session, "Solo Coding" (co-leading)

Thurs
- 3:15: Bootcamp session, "Introducing the CF Admin"

Fri
- 8:30a: CF8 session, "Step Debugging in CF 6/7/8 with FusionDebug or the new CF8 Debugger"
- 12pm: Vendor presentation, "FusionReactor and FusionDebug - Professional Monitoring and Debugging tools for CF 6,7 and 8!"

Sat
- 8:30a: Repeat, "Step Debugging in CF 6/7/8 with FusionDebug or the new CF8 Debugger"
Different Audiences for the CF Admin

- A full-time administrator doing nothing but CF administration
- An administrator with responsibility for many (or all) aspects of the server environment
- Someone who supports CF only as a side role, perhaps reluctantly
- A CF developer who also administers the CF Server
- A CF developer with no admin rights but interested in how the server is configured
Settings and Tasks by Categories

✓ Server Settings
✓ Data & Services
✓ Debugging & Logging
✓ Extensions
✓ Event Gateways
✓ Security
✓ Packaging & Deployment
Differences in Standard, Enterprise

✓ Limitations in Standard
  ▪ Resource Security (sandboxing, for entire server)

✓ Additional features in Enterprise
  ▪ Enterprise database drivers
  ▪ Performance related enhancements for
    a) Mail, reporting, charting, pdf generation, Verity
  ▪ Charting: caching, offline storage/retrieval of graphs
  ▪ Backup mail servers, multi-threaded email delivery
  ▪ Multi-server instance manager
  ▪ Cluster manager
  ▪ J2EE Package Deployment
  ▪ ColdFusion Archives (CAR files)
  ▪ Security Sandbox
  ▪ Log analysis, probes
Changes in CFMX 6/6.1

✓ Some Hidden Gems

- J2EE Session variables option
- UUID for CFTOKEN
- Backup mail servers, multi-threaded email delivery
- Web service features (aliases, refreshing stubs)
- Ability to control log file max size and archival/rotation
- Those previously mentioned enterprise tuning features for mail, charts
Changes in CFMX 7

✓ Support for Prominent Features
  ▪ Event gateways
  ▪ Multiserver Instance Manager, cluster manager
  ▪ Admin API
  ▪ Sourceless deployment
  ▪ J2EE Package Deployment
  ▪ Those enterprise tuning features for reporting, pdf generation, Verity

✓ Some Hidden Gems
  ▪ Ability to flush template cache
  ▪ Getting Started Experience
  ▪ Setting default location for CFFORM’s scriptSrc attribute
  ▪ New Font management page
  ▪ License Scanner

✓ Discussed these (and much more) in my day-long class, “New in CFMX 6/7: What did you miss?”
  ▪ Planning to offer this in the future as an online or on-site class
Changes in CF 8

More Hidden Gems

- Can now define users who can access CF Admin
- Can access all new monitoring info via Admin AP
- New throttles for different kinds of requests
  - Flash remoting, web services, cfc methods (called from http), report threads, cfthread threads
- New request queue timeout feature
  - Optional page to show users on timeout
- New max running and queued jrun threads
- New "Disable CFC Type Check"
- New "Disable access to internal ColdFusion Java components"
- Pages for new debugger, flex integration
- Can now clear the template cache for one or more files (admin api)
- Can enable/disable per-application settings feature
- Can now pause scheduled tasks
Additional Topics

- Accessing system info, docs, getting started resources & more from Admin
- Online help within Admin
- Accessing a remote datasource from your local development workstation
- Extensibility of the Admin
  - Adding new functionality of your own or from 3rd parties
Learning More

- Learning more, staying updated
- RTFM: read the fine manuals
  - Local docs, livedocs.adobe.com
- Resources for learning more
  - Adobe ColdFusion DevCenter areas
    a) http://www.adobe.com/support/coldfusion/general_admin.html
    b) http://www.adobe.com/support/coldfusion/data_source.html
  - CFDJ Admin articles
Evaluations

✓ We really appreciate these
✓ Form fields:
  ▪ Arehart, Charlie
  ▪ BC107
Questions on presentation

✓ Charlie Arehart
  - charlie@carehart.org

✓ I’d really appreciate your feedback
  - http://carehart.org/feedback/

✓ Also available for setup and implementation consulting
  - Also other developer productivity coaching, system admin and tuning support, and more
  - Remote or on-site