What did you miss?
About the Topics:

- Why worry about what came in 6&7?
- More than just “two releases”
- About the major features
- More than just the “major” features
- More than just CFML changes
- Migration issues
- What we’ve learned since each release
- Resources for learning more
- About the day-long CFUnited classes
About Charlie Arehart

- Independent consultant
  - Formerly CTO, New Atlanta (BlueDragon), 4/03-4/06
- 10 yrs CF experience (25 in Enterprise IT)
  - Member, Adobe Community Experts
  - Certified Adv CF Developer (4 - 7), Cert. Adobe Instructor
  - Co-author, ColdFusion MX Bible (Wiley)
  - Contributor to upcoming CF8 WACK books
  - Frequent contrib. to ColdFusion Dev Journal, blogs, lists
  - Until recently, President, Atlanta ColdFusion User Group
  - Now co-lead (w/ Ray Camden) of Online ColdFusion Meetup (http://coldfusion.meetup.com/17)
  - Frequent speaker: UGs, conf’s worldwide
  - Living in Alpharetta, Georgia (north of Atlanta)
- Web home at www.carehart.org
  - Hosts my blog; lists all my past articles, presentations
  - UGTV: recordings of dozens of CFUG speakers
  - AskCharlie: per-minute telephone & web-based CF support
Why worry about what came in 6&7?

- Many still running CF 6, or even 5
  - Of those on 7, some only recently

- Either way, many have done no new coding
  - May not have paid attention to new features

- May especially have missed out on introductions from Adobe and others
  - and user experiences shared

- This class hopes to make clear what you may have missed
More than just “two releases”

- Besides major releases, we’ve had:
  - Hotfixes
  - Updaters
  - Point releases

- Each may have introduced important new functionality
Timeline of releases

- May 2002 – CFMX 6 ("Neo")
  - Mar 2003 – MX Updater 3
- Oct 2003 – CFMX 6.1 ("RedSky")
  - Aug 2004 - 6.1 updater
- Feb 2005 – CFMX 7 ("Blackstone")
  - Jul 2005 – 7 Cumulative hotfix 3
- Sep 2005 – 7.01 ("Merrimack")
  - Nov 2005 – 7.01 Cumulative hotfix 1
  - Mar 2006 – 7.01 Cumulative hotfix 2
- Jun 2006 –7.02 ("Mystic")
  - Nov 2006 – 7.02 Cumulative hotfix 1
  - Mar 2007 – 7.02 Cumulative hotfix 2
About the major features

- Most press and talk focuses on major features
  - the ones that will sell new copies of CF
- Some of these also may focus on end users or a class of developers
Major features of CFMX 6

- Build Advanced Applications with ColdFusion Components
- Effortlessly Consume or Publish Web Services
- Make Your Sites More Compelling with Flash Remoting
- Easily Work with XML Data
Major features of CFMX 7

- Great User Experience
  - Printable Web Content
  - Structured Business Reports
  - Flash Forms and Controls
  - XML Forms
  - New CFCHART Engine
  - Ready-to-Use Chart Styles
  - Improved Text Searching Capabilities
Major features of CFMX 7 (cont.)

- **Rapid Development**
  - Dreamweaver Extensions
  - Improved Form Validation
  - Parameter Validation
  - Strong Encryption
  - Integrated NT Domain Authentication
  - Improved XML Functionality
  - In-memory Query Metadata Support
  - Debugging Improvements
  - Cross-site Scripting Attack Prevention
  - Application Event Traps
  - Enhanced Web Services Support
Major features of CFMX 7 (cont.)

- Flexible Deployment
  - Enterprise Manager
  - EAR/WAR Deployment
  - Sourceless Deployment
  - Administrator API
  - License Usage Scanner
New Classes of Application Development

- SMS Gateway
- Lotus Sametime Gateway
- XMPP Gateway
- File System Gateway
- CFML Asynchronous Gateway
- Extensible Gateway Architecture
More than just the “major” features

- Other big CFMX 6 enhancements
  - Build Tag-based UDFs with CFFUNCTION
  - Enable User Authentication and Authorization with CFLOGIN
  - Implement Developer Resource Controls with Sandbox/Resource Security
  - Dynamic Charting with CFCHART
  - Improved Debugging and Tracing with CFTRACE
  - Internationalization of Your Applications
More than just the “major” features

• Still more CFMX 6 enhancements
  • Several Regular Expression support changes
  • CFTHROW can now throw an OBJECT
  • CFLOG now always writes thread, date, and time
  • CFHTTP reading text file in as query, new FIRSTROWASHEADERS attribute
  • Verity K2 Server Improvements
  • New commenting flexibility
More than just the “major” features

- Still more CFMX 6 enhancements
  - Dreamweaver MX
  - Database Connectivity
  - Query of Query Enhancements
  - Several CFLDAP changes
  - CFMAIL spooling option changes
  - Sort order in ListSort, ArraySort
  - Date processing functions have short, medium, long formats
  - Localization functions now follow Java standard rules
More than just the “major” features

• Some CFMX 6 hidden gems
  • CFLOCATION and Cookies
  • Compilation/PreCompilation of CF Templates
  • Extensibility of Built-in Web Server
  • CFIMPORT of CF Custom Tags
  • Server-side Redirect
  • CFMX Tag Updater for CF Studio
More than just the “major” features

- More CFMX 6 hidden gems
  - CFSETTING RequestTimeOut
  - Optional UUID for CFTOKEN
  - URLSessionFormat() Function
  - Exception Handling in CFSCRIPT
  - Evaluation Within Expressions
  - New Variable Scopes Available as Structures
  - Appending Arrays to One Another
More than just the “major” features

- Will review same for CFMX 7
  - And the point releases and updaters in between
- Will also discuss
  - Admin changes
    - New features
    - Removed features
    - Changes in defaults
  - Doc changes
  - Configuration changes
  - Tool and Editor changes
  - Platform changes
    - Running on Java
    - Servers and OS’s supported
    - Axis
    - Xmpp gw
    - DB drivers
Resources for learning more

- ColdFusion MX 7 Upgrade Guide

- CF7 Migration Guide

- CF7 Evaluator’s Guide

- Edition Comparison Matrix (5,6,7)
About the day-long CFUnited classes

- Day-long classes held Monday, Tuesday
  - 4 each day
  - Separately purchased from CFUnited ticket
- Listed at http://cfunited.com/go/classes
- Classes run 9-5
  - Lunch provided
  - Cost US$449 (credit cards accepted)
- Register for my class at:
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

- New Per-minute Phone/Web support
  - http://carehart.org/askcharlie/