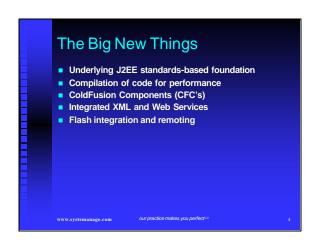




Filling in the Gaps • May have heard about the big new things • Many other features get less promotion • More are buried in docs, release notes, etc. • There's more than you may have heard about • Not even covering all that's new (not enough time) • Many resources for learning more • For "big" features, docs and examples are substantial • DO take the time to read them • Some aspects of new features, and some minor new features, are not as obvious—though documented • Challenge is perhaps in knowing where to look



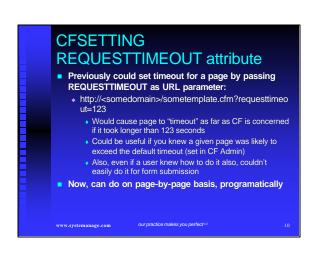
Not as Big, But Promoted CFFUNCTION CFCHART Unicode (internationalization) Improved debugging and tracing (CFTRACE) Application and sandbox security (CFLOGIN) Leveraging JSP Custom Tags (CFIMPORT) NET integration (web services, COM objects, Flash)

Some Little Known New Features • New Variable Scopes Available as Structures • CFSETTING REQUESTTIMEOUT • URLSessionFormat () function • 12EE Session Variables • Optional UUID for CFTOKEN • Pre-compilling CF Templates • CFMX Tag Updater for CF Studio • New Custom Tag Features • "Server-side HTML" • Component Constructors • Try/catch in CFSCRIPT, UDFs • New Commenting • COM Object Access Improvements • Dynamic Class Reloading

Some Little Known New Features

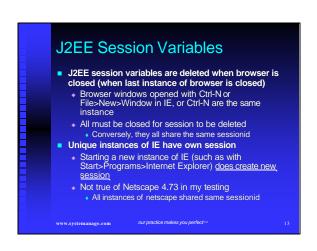


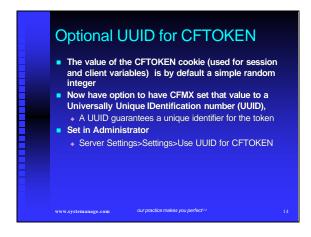
New Variable Scopes Available as Structures (cont.) <CFSET name="bob"> <cfdump var="#variables#"> <cfdump var="#server#"> <cfdump var="#server#"> <CFOUTPUT> <CFLOOP collection="#server.cs#" item="i"> #i# #server.cs[i]#
 </CFLOOP> </CFOUTPUT>

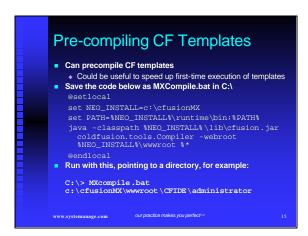


URLSessionFormat() Function When using session variables, if browser doesn't support cookies, you are responsible for passing CFID and CFTOKEN on: A HREF=> FORM ACTION=> CFLOCATION URL=> And more Can now have CF automatically determine if browser supports cookies. If so, it will add SessionID info (CFID and CFTOKEN) to URL Example: A Infe="#URL SessionFormat("MyActionPage cfm?name=bob")#"> If the detected cookie is not turned on, or cookie support cannot be reliably detected, the function return value is as follows: myactionpage.cfm?name=bob&cfid=xxxx&cftoken=xxxxxxxxx



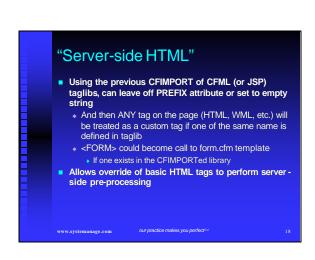


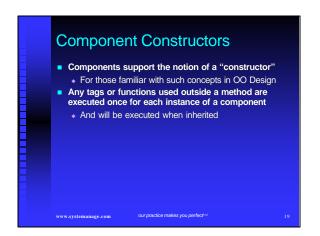


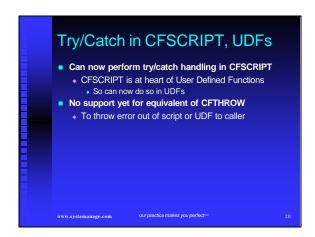




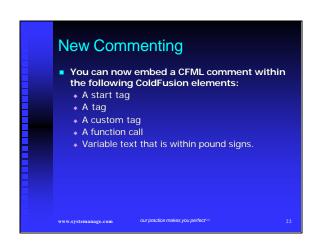








Try/Catch in CFSCRIPT, UDFs <cfscript> function test() { name="bob"; try{ if (myname is "bob") { writoutput ("ok"); } } catch(any excpt) { writeOutput("This is an error!"); } <cfoutput> #test()# </cfoutput> #test()# </cfoutput> #test()# </cfoutput> #test()# </cfoutput>



```
New Commenting (cont.)

The following examples show valid embedded CFML comments:

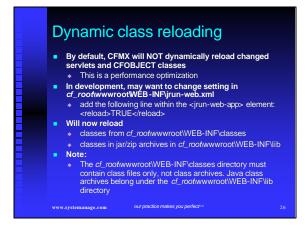
<cfset myVar = 7>
<cfif true eq true <!-- comment **->></cfif>
<cfoutput>myVar: #myVax<!-- comment within pound signs*-->#
#IncrementValue(120<!-- comment next to argument *-->)#
<cf_comment_pos_05 <!-- comment within custom-tag brackets *-->>
<cfset foo * evaluate(*1 + 2<!-- comment *-->)*
#isDefined(dynamicVariable<!-- comment *-->)
#isDefined(dynamicVariable<!--> comment *-->
**gt;**>
</dfoutput>

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```





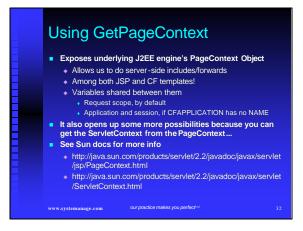


Variety of Other Changes • See docs and release notes for more: • Several Query of Query enhancements • Several CFLDAP changes • CFMAIL spooling option changes • Sort order in ListSort, ArraySort • Date processing functions have short, medium, long formats • Localization functions now follow Java standard rules • 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 • Many others (see docs, listed at end of talk)

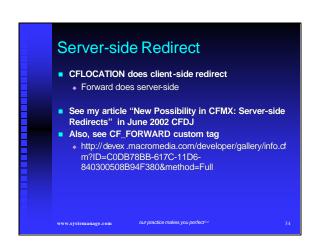


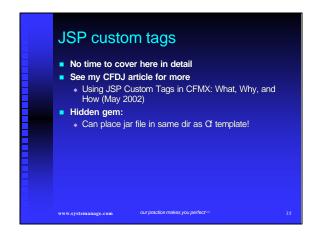
Additions Since Printing Handouts (cont.) Two Security Bulletins recently announced Patch available for default Missing Template page in ColdFusion MX http://www.macromedia.com/v1/Handlers/index.cfm?ID=23047 ColdFusion MX Enterprise Edition's JSPTM functionality should be disabled in shared, hosted environments http://www.macromedia.com/v1/Handlers/index.cfm?ID=23046 CF's admin settings are now saved in <cfusion home>\text{Viusion home>\text{Viusion home>\text{Viibneoruntime.xml}} Rather than in the registry, as previously Examples in Docs are now housed at Macromedia.com (avoids security issues)

Some New Features Enabled by J2EE Integration

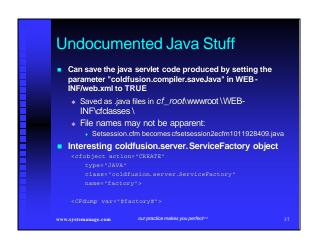




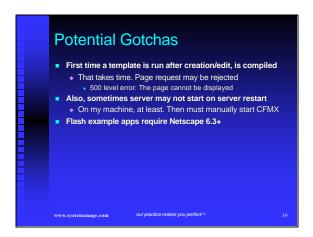


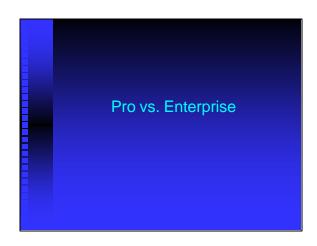


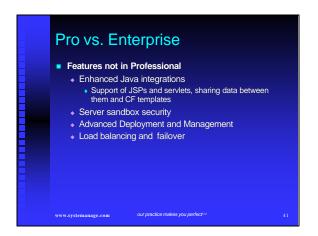


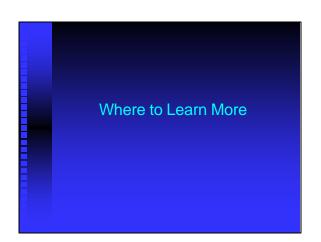




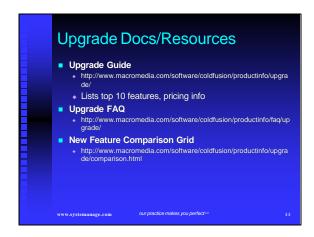






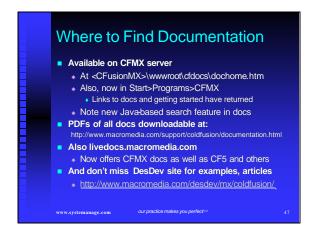


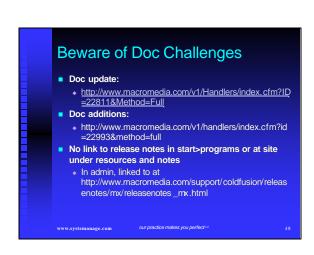




New Docs In addition to standard 4 CFML Documentation books Installing ColdFusion MX Administering ColdFusion MX CFML Reference Developing ColdFusion MX Applications with CFML There are now 5 new ones: Getting Started Building ColdFusion MX Applications Migrating CF5 Applications Using Server-Side ActionScript in ColdFusion MX Using ClusterCATS Working with Verity Tools











Contact Information • Happy to answer questions related to talk • Email: carehart@systemanage.com • Phone: 301 604 8399 • Web: www.systemanage.com • Will be developing day-long seminar on CFMX • Also available for • Training (custom or pre-written) • CF, DB, Jrun/JZEE, Javascript, wireless, and more • Consulting (very short-term) • best practices, architecture, setup • Developer Group Mentoring