



Announcements

- JonAS passed J2EE 1.4 Certification
- DJUG@ychoogroups.com is our community connection
- <http://www.denverjug.org/index.jsp> is our content site
- Hands-On SIG, via internet café (Siegfried Heintze, director)

Special Interest Groups

Denver JUG Special Interest Groups provide in-depth focus beyond that offered at the monthly meetings.

Gang of Four Patterns SIG

Wed, February 16, 2005, 6-8 p.m.
Leads: John Tyler and Jonathan White

Object-Oriented Architecture SIG

Wed, March. 2, 2005, 6:15-8 p.m.
Leads: George Allaman and John Traxel

Java 5 Certification SIG

Every Thursday, 6 to 8:30 p.m.
Quest Community Room
Leads: Chris Love

Hands-On SIG

Collaborate. Experiential learning. Leverage your skills.
Lead: Siegfried Heintze.

Sponsors

Facilities	Qwest
Food	MicroStaff and TEKsystems
Web Hosting	Evolution Hosting
Publication	Apex Systems
Door Prizes	SoftPRO Manning Publications Source Beat Apress Whizlabs Addison-Wesley O'Reilly Prentice Hall

Membership Benefits

COMPANY	DISCOUNT	DISCOUNT CODE
O'Reilly	20%	DSUG
Apress	25%	APRESSUG
SourceBeat.com	20%	For Edipse Live: jugel For Struts Live: jugsl For Axis Live: jugdl
Pragmatic Programmer.com	20%	DenverJUG_0011
Whizlabs	15%	Direct link from website

BPEL: Business Process Execution Language

Kevin Geminiuc, Owen Newnan

On the leading edge of system integration with technologies like Service Oriented Architecture(SOA), Web Service Orchestration, XML Schema and Business Workflows executable languages, BPEL combine the best of loosely coupled architectures with SOA. BPEL is both a procedural and declarative language specified in XML and incorporates advanced programming constructs like parallelism, scope, asynchronous events and exceptions.

Demonstrated BPEL processes, invoking web services and XML schema generation add to the real-world experiences integrating a BPEL engine into a robust J2EE system.

Basic Concepts

The Tools Behind the "Java Community" Service

Christian Parker, Kris Thompson

Case-study on how we applied the Java technologies to develop the JUG Community web application. We'd like to share our first hand experience with you in hopes that you can make more informed decisions when evaluating these frameworks.

Technologies covered: Spring, Hibernate, Webwork, Sitemesh, Lucene, Velocity

Local Events

User Group Meetings

Thurs Feb 10 6pm Boulder JUG
Patterns in Enterprise Business Solutions,
Vaughn Vernon
JMS in Detail, Chris Huston

Opportunities

Tell them DJUG sent you...

MicroStaff

www.microstaff.com

Renee Searles, Account Executive
7700 East Arapahoe Road
rsearles@microstaff.com

TEK Systems

www.teksystems.com

Amelia Clayton, Recruiter
8700 Turnpike Drive, Suite 400
Westminster, Colorado
aclayton@teksystems.com

APEX Systems

www.apexsystemsinc.com

Bre Massingill, Recruiter
3900 East Mexico Avenue, Suite 508
bmassingill@apexsystemsinc.com

Reviews

February Practical Code:

- The Factory Method design pattern is useful when a client must create objects having different subclasses.
- The Abstract Factory pattern is also known as Kit. Adapter pattern is known as Wrapper, and the Factory Method pattern is also known as Virtual Constructor.
- The java.util package contains classes that implement the Iterator design pattern.
- Strategy design pattern provides substitute to sub-classing, makes it easier to extend and incorporate new behavior without changing the application and defines each behavior within its own class, eliminating need for conditional statements.
- Command pattern separates the object that invokes the operation from the object that performs the operation. It simplifies adding new commands since existing classes remain unchanged.
- Decorator provides greater flexibility over static inheritance. It simplifies coding by allowing a series of functionally targeted classes, avoiding need to place feature laden classes high in the hierarchy.
- Mediator decouples colleagues, simplifies object protocols, centralizes control, simplifying components that no longer carry the burden of intercommunication.
- Observer abstracts the coupling between the subject and the observer, providing support for broadcast type communication.

Sought

We grow through interaction. We learn. We create. We solve. All of us step forward by stepping up. See a trend of substance? Let's get it before the group.

Chris Huston, Glenn Coward, Lee Hall
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