



Announcements

- Java2 Certification Study Group forming (contact Chris Love)
- 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, January 19, 2004, 6-8 p.m.
Leads: John Tyler and Jonathan White

Object-Oriented Architecture SIG

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

COMING SOON

Java2 Certification SIG

Once or twice a week. Location either south or downtown depending on convenience to members.
Leads: Chris Love and ... you maybe??

Hands-On SIG

Collaborate. Experiential learning. Leverage your skills. Help Siegfried Heintze get this fantastic idea operative.

Sponsors

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

Tonight's Main Speaker

Steve Stelling is an instructor for Sun's Center of Learning Excellence in Broomfield CO. A frequent speaker, he has authored "Robust Java" and co-authored "Applied Java Patterns".

Servlets and JSPs form the cornerstone of many Web-based systems today. Exception handling is vital to the health of the system. Incorrectly handled exceptions can trigger cascading failures. Steve presents the exception model for J2EE web technologies. He will describe how common exceptions are produced, how web servers respond, and what best practices are currently shared. The exception handling capabilities of Struts, of Java Server Faces and of Spring will be discussed. His focus is on the quality and robustness of your web-tier applications: **Exceptional Web Apps**.

Tonight's BC Speaker

Scott Davis is a senior software engineer, an instructor and past president of DJUG. His topic, "**Testing the Web Tier**" will focus on open source web tier testing: JUnit, HttpUnit, Conoo WebTest and JMeter.

DJUG Solution Architect

Send in your solutions. Top honors are published in newsletter with distinction as DJUG Solution Architect.

February Problem Space:

Freedom for the open forum wiki. Provide a focus group with a platform for discussion that is accessible and capable of sustaining a healthy state.

Local Events

User Group Meetings

Thurs Jan 16 6pm Boulder JUG
Tom McQueeney, J2EE 1.4
Stephen Stelling, Exception Web Apps

Opportunities

Watch for job opening from djugobs@yahoo.com

Reviews

What did you learn from that last half-C note you spent at SoftPRO? Get it on our growing coverage list and rate it.

JANUARY Practical Code:

- Collection classes (HashMap, ArrayList, TreeSet) can expand or contract dynamically as elements are added or removed. Look here if you need a fast sort, a list with no duplicates, name-value pairs.
- Java Boolean literals are true and false. No, you may not use numeric values.
- ArrayIndexOutOfBoundsException is in your future if you access x(3) in a 3 element array or anything > than length-1.
- The is-a test can be checked in code using the instanceof operator. If it passes, it can be assigned to an element of an array of that type
- Array elements are ALWAYS given default values, regardless of where declared or instantiated.
- Same is true of instance variables but NOT TRUE of local or automatic or method variables.
- It is never legal to include the size of the array in your declarations. Size is required at construct of array.
- Whether you construct, create or instantiate, you have done the same thing: built and placed an object on the heap.
- Any code that uses the keyword, new, will cause the class constructor and all superclass constructors to run.

Realizations

You have given thought to some great ideas. You know their merit. You know they can be implemented. Contact the DJUG Board and lets get them online. The group grows best from an EXPANSIVE mind.

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