GEONEXT why where matters

SSSI NSW

INSTITUTE PARTNERS

esri Australia

position Spatial Source

DIGITALGLOBE

aerometrex

C.R. KENNEDY SURVEY SOLUTIONS

Position Partners

SPATIAL jobs online

UPCOMING EVENT:

JOINT SSSI & GEONEXT SPATIAL DATABASE WORKSHOP

Full Day Workshop

This joint SSSI / GeoNext Spatial Database Workshop is run in conjunction with the GeoNext Conference being held on the 27th February 2013.

SSSI MEMBERS RECEIVE A 25% DISCOUNT

AIM

The aim of the workshop is twofold:
Discuss the concept of spatial databases, outlining the issues and solutions these provide.
Provide participants with practical, hands-on exposure to spatial databases.
Participants will leave with data and example queries to fuel their interest in spatial even further.

NOTE:
This workshop is different from our other workshops in that it will take on the form of informal discussions with practical hands-on exercises in "INSTALLFEST" fashion, and is designed for those with little or no experience with a spatial database. To participate, users MUST bring along a reasonably modern laptop computer with DVD and 30GB of extra space. Lots of memory is preferable.

Who Should Attend: Representatives from Commonwealth, State and Local Government; engineering and spatial professionals, private consulting companies.

WHEN / WHERE

Tuesday, 26th February 2013, 9am to 4:45pm, Australian Technology Park, Sydney

REGISTRATION: www.geonext.com.au

REGIONAL PARTNERS

PROJECT SURVEYORS

C.R. KENNEDY SURVEY SOLUTIONS

wollongong city of innovation

JOINT SSSI & GEONEXT SPATIAL DATABASE WORKSHOP

Workshop Outline

Topic 1: Overview of database concepts: Overview of current database concepts. During this session we will demystify some of these concepts with practical examples and exercises. Topics: Object-Relational Databases, Data Models, Database objects.

Topic 2: Why (Spatial) Databases: During this session we will discuss Data Silos, SDI's, and an overview of some international standards for databases and spatial databases, including SQL, SFS and WKT/WKB

Topic 3: What are Spatial Databases: This session will review what is (and isn't) a spatial database. We will explore examples of spatial records and operations that can be performed in the databases.

Topic 4: Comparison of available Spatial Databases: During this session we will present a structured comparison of selected database technologies. (Oracle, PostGreSQL, MS SQL Server, SQLite)

Installfest 1: PostGreSQL: Install the postgres database, import some data, run a spatial query.

Installfest 2: Oracle & MS SQL Server Spatial. Install Oracle VirtualBox, copy pre-configured virtual machines (with Oracle and SQLServer), run some spatial queries in each.

Installfest 3: QGIS. Install QGIS, connect to your PostGreSQL database and interact with your spatial data.

Challenge: Solve a few queries and win a prize.

When:
Tuesday, 26th February 2013
9am to 4:45pm

Where:
Australian Technology Park , Henderson Road
Bay 4, Locomotive Workshop
Sydney NSW 2015

Cost:
GeoNext Conference: Standard rate - $350, SSSI Member - $262.50
Spatial Database Workshop: Standard rate - $250, SSSI Member - $187.50
Spatial Database Workshop & GeoNext Conference: Standard rate -$545 SSSI Member - $408.75

When:
Tuesday, 26th February 2013
9am to 4:45pm

Where:
Australian Technology Park , Henderson Road
Bay 4, Locomotive Workshop
Sydney NSW 2015

Cost:
GeoNext Conference: Standard rate - $350, SSSI Member - $262.50
Spatial Database Workshop: Standard rate - $250, SSSI Member - $187.50
Spatial Database Workshop & GeoNext Conference: Standard rate -$545 SSSI Member - $408.75

Presenters

Gaby Van Wyk.
J. Gabriel van Wyk started his career as a geographer, and very early on moved into GIS. He now has more than 25 years' experience in GIS. He has worked for several large organisations and on many international projects.

He lectured in Geographical Information science at the University of Pretoria. He has extensive knowledge in development and integration of corporate and mission critical systems. He has extensive experience in data management (spatial and non-spatial), systems analysis and project management.

Gaby was elected Chair of the NSW Regional Committee from July 2012. He is the past chair for the GISSA.

Gabriel relocated to Sydney Australia in 2009 and is currently working for Open Spatial Australia.

Peter Shoemark
A technical expert and manager acknowledged and respected by his peers and staff, Peter has in excess of 25 years in the Engineering and IT fields with a particular focus on GIS and CAD management and process improvement, particularly through single point of truth data storage (Oracle / SQL Server / MySQL and SQLite) database solutions.

Peter currently holds simultaneous professional certifications of GISP-AP with the Surveying & Spatial Sciences Institute (SSSi) and MACS-CP through the Australian Computer Society (ACS).

He also sits on the SSSI Professional Certification Approvals Panel, The NSW Surveying & Mapping Industry Council and is a director of the Geospatial Information and Technology Association (GITA).

Tim Goring
Tim has worked in Spatial and GeoSpatial technologies for 24 years and started out with Atkins Global as a Photogrammetric and GIS technician on projects like Cross Rail and English heritage modelling.

After working on Spatial Infrastructure and property and design & planning GIS for London Docklands Development Consortium he then moved onto the Software vendor side acting as Web development Manager and later APAC Technical manager for Cadcorp, which involved OGC and SDI solutions around the world with various Governments.

When:
Tuesday, 26th February 2013
9am to 4:45pm

Where:
Australian Technology Park , Henderson Road
Bay 4, Locomotive Workshop
Sydney NSW 2015

Cost:
GeoNext Conference: Standard rate - $350, SSSI Member - $262.50
Spatial Database Workshop: Standard rate - $250, SSSI Member - $187.50
Spatial Database Workshop & GeoNext Conference: Standard rate -$545 SSSI Member - $408.75

Tim has worked with large multinational, Infrastructure, Property and Government organisations across EU, NAFTA and APAC.

Tim currently works creating technical solutions for large Property, Government and Infrastructure organisations including complete data lifecycle solutions built around business and spatial data with IFM.

He has a B.Sc in Software Engineering from North London University., M.Sc In GIS & Remote Sensing University of Greenwich and an M.Sc in Geographic Information, City University.

Program

Time	Description
9:00 – 9:30	Arrival
9:30 – 10:20	Discussion 1
10:20 – 11:00	INSTALLFEST 1
11:00 – 11:30	Morning Tea
11:30 – 12:10	Discussion 2
12:10 – 1:00	INSTALLFEST 2
1:00 – 1:40	Lunch
1:40 – 2:20	Discussion 3
2:20 – 3:00	INSTALLFEST 2
3:00 – 3:20	Afternoon Tea
3:20 – 4:00	Discussion 4
4:00 – 4:30	Challenge
4:30 – 4:45	Wrap Up