



SDS 3.0 Service Pack 1 released

Fractal's development team have been busy! In this first half of 2007, we have released FracSIS 5.1 (see FracCHAT [Feb 2007] for details) and now Service Pack 1 for Spatial Data Server 3.0.

WHAT'S IN SERVICE PACK 1 FOR SDS 3.0?

Well, as you'd expect, there are fixes for issues that some clients were having with the Web Services API and FME support.

And of course, there are some new features:

- **Timezone support** for the DateTime type in the Web Services API
- A new **Knowledge Base editor** in the Administration area, replacing the Metadata page. This new page lets you create and edit units of measure (such as time, mass, length, etc.); coordinate systems; and the pick lists that were previously on the Metadata page.
- A new **file naming scheme** feature has been added to the Translate and Download form available under a table of items. With this, you can specify how you want to name a downloaded zip file.
- **Support for large files.** Previously there was a 256MB limit on uploaded files. Once you've installed Service Pack 1, you can upload or download files that are many gigabytes in size.
- **Controlled database upgrade.** When an older version (3.0 onwards) of an SDS database is opened, it is upgraded automatically to the new version. There is no 'don't upgrade' option.

WHAT DO I NEED TO DO BEFORE UPGRADING MY SDS 3.0 DATABASE TO SERVICE PACK 1?

Simple—make a backup of your SDS 3.0 database.

The general rule before upgrading any database—including SDS—is that you should *always* make a backup of it. Changes to a database's structure invariably mean that there is no 'downgrade' option once that database has been upgraded.

Runge expands through Fractal

Runge Limited has acquired Fractal Technologies.

Mr Tony Kinnane, CEO of Runge said "Runge and Fractal Technologies have been partners since 2005 – we fit well together culturally and our products are complementary. We are excited to be able to market the Fractal products which have an excellent reputation globally and equally excited by the broader opportunities that Fractal Technologies provides for Runge's continued growth."

Fractal will also enhance the technological capability of Runge's recently launched Mining Dynamics, which is the industry's first visual enterprise-wide software.

"Fractal's technology, in conjunction with Mining Dynamics, will enable customers worldwide to have accelerated access to new product enhancements, while creating concrete investment in key mining technology," said Mr Kinnane.

Mining Dynamics provides a visual system to support data management and discovery across the entire production chain. The system allows operations, technical, and corporate employees to have instant access to information about mine site operations. The system is vendor independent and works with mining companies' existing systems avoiding the need for costly replacement software. It is designed



to provide standardisation across the geological and engineering processes. Fractal's technologies further enhance these capabilities.

The acquisition of Fractal, which complements Runge's dynamic growth plan, will lift the total number of Runge employees to 260.

Runge Limited (www.runge.com) operates globally out of 15 offices and has been in operation for 30 years. Runge provides software, consulting services, and training to assist customers in the planning and operation of mine sites to enhance project profitability for stakeholders.

Out 'n' about...

Fractal staff around the world

In early March, Fractal staffers David Bussard and Dan Paull attended the PDAC conference in Toronto, Canada. PDAC is one of the largest mining conferences in the world. This year there were some 17,600 attendees, 300 Trade Show and 450 Investors Forum exhibitors.



The FracSIS booth was busy for the whole conference with strong interest in both FracSIS and SDS, with some parties booking times for demonstrations. We were located across from the Australian Pavilion, which had representatives from state and federal government geological surveys.

We've already indicated our intention to be at PDAC again next year (2-5 March 2008).

Following PDAC David Bussard travelled via London to Moscow to provide FracSIS training to existing clients.

Said David on his return, "Moscow is an extremely interesting and historical city and I was able to arrange tours of the Kremlin, Red Square, and other historic buildings. A highlight was a visit to the Diamond Trust Exhibit, where some of the diamond

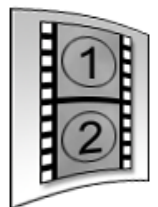
assets of the Russian Treasury are displayed. There were literally thousands of diamonds on display, cut and uncut, in all colours and sizes, both mounted in jewellery and loose. As an additional attraction they also displayed a large collection of Russian gold and platinum nuggets plus other precious stones."

"Several Australia FracSIS users are operating in Russia, using a combination of local and expatriate geologists. They are mounting serious, long-term exploration programs in this country of great potential."

Drill Hole Designer movie now available

New animation added to the library of FracSIS "how to" movies

The latest FracSIS feature—Drill Hole Designer—now has its own movie. As with all FracSIS and SDS "how to" animations, this 8 minute movie is available for you to download or view online from our website, at absolutely no cost to you.



Go to: www.fractaltechnologies.com/fracsis_movie_tutorials.65.html

Fractal website

We've given the Fractal Technologies website a bit of a makeover. You can see the new design at www.fractaltechnologies.com. The changes give you easier navigation (including an extra level, sidebars, and an introductory section on each page), and larger fonts. The revamped site does not use tables for layout and uses standards-compliant HTML and CSS. (Of course, if you really like smaller fonts, then we've catered for that too—just hold down the CTRL key as you spin your mouse wheel away from you.)



STAFF profile

DAVID BUSSARD, SALES AND MARKETING

Many of you have met David at trade shows or in product demonstrations.

David has been with Fractal since early 2004 so we thought it was time you got to know a bit more about him.

David spent the first part of his life living and working in Canada. He graduated from the University of Alberta as a geologist, and has an MBA from the University of Western Australia. He has worked in the exploration and mining industries for some 40 years, and is Fractal's in-house geological expert. Since 1987 he has worked with software products and companies associated with exploration and mining.



David originally came to Australia during the mining boom of the 1960s and 70s, and has worked as a geologist in many parts of the world.

David is responsible for many aspects of client liaison, and as such he attends various trade shows, conducts some training, does product demonstrations, as well as providing the geological 'voice' for the design of software functions.

CONFERENCE paper and slides

Daniel Paull, Technical Director at Fractal Technologies, and Aloysius Christiani, Senior Modelling Geologist at PT Freeport Indonesia, presented a paper—*Workflow Modelling with the Fractal Technologies Spatial Data Server*—at the Austmine 2007 conference, held in Perth, Western Australia, 12-13 February 2007.

This paper describes the SDS Workflow Modelling Framework and the motivations behind its use, as well as presenting a case study of the Workflows Implementation at PT Freeport Indonesia.

PT Freeport Indonesia has been an early adopter of the SDS Workflow Framework and has had positive results implementing their Resource Modelling workflow.

The paper and presentation slides are available from: www.fractaltechnologies.com/presentations.13.html

Conferences and events

Staff from Fractal Technologies and Runge will attend numerous conferences and events over the coming months. We hope to see you at one or more of them!

Full events list: www.fractaltechnologies.com/events.22.html

