

TECH TOOLS

SpringSource Releases New Tool Suites

SpringSource has announced a major release of their Eclipse-based developer tool, SpringSource Tool Suite 3.0. According to the website, this is a major release not only in terms of new features but because of the product's new componentization, open sourcing, and availability of multiple distributions.

The Spring Tool Suite (STS) is a full distribution of the organization's Eclipse-based tool. It includes support for the Spring Core framework itself, Spring Integration, Spring Batch, and Spring Web-Flow visual development tools, as well as



Spring Roo, the latest Eclipse Integration for Maven. Included with STS is the developer edition of vFabric tc Server, the drop-in replacement for Apache Tomcat that's optimized for Spring. With the Spring

Insight console, tc Server Developer Edition provides a graphical real-time view of application performance metrics.

The Groovy/Grails Tool Suite is a full distribution of the Eclipse-based tool that is customized for Groovy and Grails development. It has Groovy-Eclipse pre-installed, as well as support for direct deployment to the tc Server, and it comes

with a ready-to-use Grails installation as part of the distribution. The tool suite is built on top of the latest Eclipse Juno 4.2 release and provides a ready-to-use experience for Groovy-Grails users.

To allow for individual installation and better modularization, the developers have separated the different parts into individual component projects. All projects live at GitHub and can be installed individually, and all parts of the tool suites are open sourced under the Eclipse Public License at GitHub under the SpringSource organization. Read more at: <http://www.springsource.org>.

Codethink Releases Baserock 1.1

Codethink has announced version 1.1 (a.k.a. Secret Volcano) of its Baserock Embedded Linux software. Baserock is a Linux build system for the development of embedded, industrial or bare-metal server-based Linux systems.

According to the company, this release provides virtual machine images for developers and a sample base image to demonstrate a Baserock-produced small system image. Baserock incorporates automated testing for software development into the continuous integration (CI) process, and, the company says, it reduces the time to market of electronics products by increasing team productivity and lowering the complexity and cost of long-term maintenance.

Baserock eases development of Linux-based systems and integration of system components. Products can be kept up to date, maintained, and improved through continuous delivery. Baserock lets developers quickly reproduce a specific build and speeds the process of upgrading and rolling back between different versions of systems.

The Baserock source code is available for building on 64-bit x86 and for ARM systems. Virtual machine binaries are available for 64-bit x86 machines. You can get the open source project from: <http://www.baserock.org>; a commercial version with additional services and support will follow.

PostgreSQL 9.2 Released



The PostgreSQL Global Development Group has announced PostgreSQL 9.2. According to the announcement, this version, which features linear scalability to 64 cores, index-only scans, and reduced CPU power consumption, has significantly improved scalability and developer flexibility.

PostgreSQL 9.2 ships with native JSON support. Other improvements – in lock management, write efficiency, index-only access, and other low-level operations – allow PostgreSQL to handle even larger workloads. You can read more and download PostgreSQL now at: <http://www.postgresql.org/>.

ROSA Announces Enterprise Distribution

ROSA has announced the test version of its server operating system based on the ROSA Enterprise Linux Server "Helium" platform. Key components of the distribution are: ROSA Directory Server, ROSA Server Setup, and OpenStack 2012.1 Essex.

The ROSA Directory Server component is intended for administration of user accounts and controlling access to resources of a local network. ROSA Directory Server is based on the Mandriva Directory Server

with additions to provide strong authentication (Kerberos) and support for administration of several subnetworks.

The ROSA Server Setup tool lets you install and configure main server components using a web interface, and OpenStack 2012.1 Essex provides a set of tools and services for building private and public cloud infrastructures.

ROSA Enterprise Linux Server "Helium" is available for x86 (i586) and x86_64

hardware platforms and is compatible with open and commercial enterprise software, including binary-level compatibility. RELS is based on server solutions from Red Hat and Mandriva.

For more information, please visit: <http://www.rosalab.com>. You can download the test edition of the ROSA Enterprise Linux Server "Helium" 2012 operating system at: <http://www.rosalab.com/blogs/test-edition-of-rosa-enterprise-linux-se>.