PRESS RELEASE

Sun gjør hele Java til åpen kildekode (GPL)

Programvareselskapet Sun Microsystems har besluttet å åpne kildekoden til programmeringsspråket Java. Beslutningen vil gjøre Java til en enda mer attraktiv plattform for både kunder og Suns forretningspartnere.

– Ved å åpne Java ønsker vi å inspirere til innovasjon og økt samarbeid blant utviklermiljøene. Vi forventer at Java-plattformen blir selve fundamentet i neste generasjons internett, pc og mobile enheter. Vi skal vinne plattformkrigen, sier markedsdirektør i Sun Norge, Jens Petter Mathisen.

Sun har valgt å distribuere Javas kildekode som General Public License (GPL), som er den lisensen Linux og mye annen åpen kildekode distribueres etter. GPL-lisens innebærer at alle rettigheter til kildekodene er reservert samtidig som ethvert program som helt eller delvis gjør bruk av det lisensierte produktet må lisensieres videre i sin helhet på samme vilkår. De som benytter kildekodene til å utvikle nye programmer forplikter seg altså til å frigi disse programmene i sin helhet.

– Den største umiddelbare fordelen vi vil se er at Java blir distribuert som standard i alle Linux-distribusjoner. Med dette skrittet så fjerner Sun all grunn til bekymring rundt livet til Java-plattformen utenfor Sun, sier president i javaBin, Thor Henning Hetland.

Åpningen av klidekoden til Java representerer en av de største bidragene til åpen kildekodestandard under GPL-lisensen. Samtidig innebæerer dette at en av dataindustriens største og mest utbredte softwareplattformer nå gjøres tilgjengelig, sier Lasse Andresen, programvaresjef i Sun Microsystems.
Java-språket benyttes i dag i over 3,8 milliarder enheter og kan vise til en eksplosiv vekst i utbredelse. I alt fra mobiltelefoner og smartkort til pc-er, programmer og store servere gir Java-teknologi en felles plattform for videre programvareutvikling. Ved å åpne kildekoden til Java venter Sun at Java-teknologien får en enda større utbredelse.

I denne omgang er det kildekoden til Suns Java Platform Standard Edition (Java SE) samt en utbyggbar implementering av Java Platform Micro Edition (Java ME) som gjøres tilgjengelig. I tillegg vil også Suns Java Platform Enterprise Edition (Java EE) bli tilgjengelig som GPL-lisens. Java EE har allerede vært tilgjengelig ett år gjennom det såkalte Project GlassFish.

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About Sun Microsystems, Inc.
A singular vision -- "The Network Is The Computer"[tm] -- guides Sun in the development of technologies that power the world's most important markets. Sun's philosophy of sharing innovation and building communities is at the forefront of the next wave of computing: the Participation Age. Sun can be found in more than 100 countries and on the Web at sun.com.

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Java SE

Sun is releasing three significant software components today for the ongoing development of Sun's open source implementation of Java SE in the Java.net community: Java HotSpot(TM) technology, the Java programming language compiler (javac(TM)) and JavaHelp(TM) software. Sun expects to release a buildable JDK in the first quarter of 2007, following established free software community practices for licensing virtual machines and their associated libraries. Java HotSpot technology and javac are two of the most important elements of Java SE; Java HotSpot technology is the Sun implementation of the Java Virtual Machine (JVM(TM)) and the core component of the Java Runtime Environment (JRE), which translates Java code to the specific operating system and chip architecture, allowing Java software to run everywhere and javac is the compiler that analyzes Java source code for correctness and generates proper bytecodes for execution. JavaHelp software is the documentation system to complement the JDK.

These first components of the OpenJDK(TM) project will allow developers to experiment with the compiler, try out new language features, learn how a world-class virtual machine is built, port the JVM to new hardware architectures and operating systems, fix bugs and contribute new features. Through the OpenJDK project, developers will be able to directly influence the future of the JDK implementation, participate with their peers in an open community and help take Java technology where it hasn't been before.

Java ME

Available immediately in the Java.net community, is the source code for Sun's feature phone Java ME implementation, the next generation version of the platform that currently enables rich mobile data services in over 1.5 billion handsets. Also available is Sun's source code for the Java ME testing and compatibility kit framework, the foundation for Sun's Java ME compatibility tests. Later this year, Sun will release additional source code including its advanced operation system phone implementation and the framework for the Java Device Test Suite.

Sun is releasing these technologies as free software in order to accelerate the development and evolution of the platform, reduce fragmentation and drive down development costs throughout the Java ME ecosystem. In addition, this move will provide easy access to the latest versions of Java ME platform technologies and, for the first time, enable the whole Java ME community to follow the activities of and participate in the development of these technologies.

Java EE

Sun is also announcing that it is now releasing the source code for Project GlassFish (part of the GlassFish Community) under a dual open source license. In addition to CDDL, Project GlassFish will also be available under GPLv2 in the first quarter of 2007. By adding a second license, we simplify the process of combining and distributing GlassFish code with other GPL licensed communities. By offering all of Java under a common license, developers can now more easily distribute updated versions of Java SE, Java EE and Java ME together.

NetBeans and Sun Development Tools

The NetBeans IDE can dramatically simplify getting started with JDK development because the open source components have already been configured as NetBeans projects. Developers can download the source code, open it in the NetBeans IDE, and use the Build Project command to build it. For further information and a step-by-step tutorial go to: http://nb-openjdk.netbeans.org. In addition, an application developer project is available as part of the Mobile & Embedded community, with links to resources such as the NetBeans Mobility Pack, the Java ME authoring tool that delivers a whole new level of sophistication and ease for drag-and-drop screen design. Sun is also making available the world-record producing Sun(TM) Studio development environment for the development of the platform-specific native code in the Java HotSpot virtual machine.

The recently announced NetBeans 5.5 contains a variety of new features, including: Java Persistence API and JAX WS 2.0 productivity tools, Subversion support, and enhancements to the NetBeans GUI Builder (formerly known as Project Matisse). NetBeans 5.5 is the first and only freely available IDE to provide comprehensive support for Java EE 5, the industry standard for developing portable, robust, scalable, and secure server-side Java applications.

Developer Support and Services

Sun offers Java technology and Solaris(TM) Operating System developers a complete line of developer how-to help, product support and updates, and training that reduces time and risk for the entire application lifecycle--from development through deployment through Sun's Developer Services programs (http://developers.sun.com/services). Developers are also encouraged to join the Sun Developer Network Program, at no cost, by registering online at: http://developers.sun.com/register.

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