Myriad Alien Dalvik

Powering Android applications on non-Android devices

Myriad Alien Dalvik brings Android applications to non-Android devices, allowing OEMs, operators and application stores to leverage the Android eco-system across a much wider range of mobile devices. Android applications run unmodified and with no loss of performance on non-Android platforms.

Access thousands of Android applications

Building on Dalvik Turbo technology, Alien Dalvik enables Android applications to operate on non-Android devices.

By extending Android to other platforms, Myriad Alien Dalvik is opening up the ecosystem even further, while creating new audiences and revenue opportunities. Alien Dalvik is also ideal for OEMs and operators who have invested in specific Android applications and wish to deploy these across all device models.

Figure 1 : Myriad Alien Dalvik on Nokia N900

Deploy immediately

Alien Dalvik enables the majority of Android applications to run unmodified, allowing application store owners to quickly kick start services by simply repackaging the Android Package (APK) files.

For applications that are very device-dependent, the modification process is simple and straightforward through Myriad's plugin to Android SDK.

Seamless User experience

From a user perspective, Alien Dalvik is completely transparent. Ported applications appear as native and can be seamlessly installed on the user's device without user disruption. All the user sees is that he now has access to a wider range of applications, thus encouraging a higher frequency of downloads and increased ARPU.

Highly Optimised

Thanks to Myriad's deep expertise in Java and Android technology, ported applications demonstrate no loss of performance compared to the application running in the native environment.

This has been made possible through a very tight integration of the Android runtime and the use of Myriad Dalvik Turbo technology.

Benefits

- Access to thousands of Android applications on non-Android devices

- Immediate deployment

- No development required

- Transparent to the end-user

- No loss of performance

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Myriad Alien Dalvik runs the Photoshop Android application on a Nokia N900. The application shows exactly as the original application running on an HTC legend. While the mobile handsets are very similar - both using 600MHz ARM processors, performance appear the same or better on the Nokia thanks to the use of Myriad Dalvik Turbo technology.

Myriad Alien Dalvik on Meego

Myriad Alien Dalvik will be first commercially

available on the MeeGo platform. A very tight integration to both the Android SDK and the MeeGo SDK (QTCreator) makes it very easy to modify, package and test applications.

Most Android applications can run unmodified as the vast majority of Android APIs are supported and tight integration with the QT framework leads to a seamless user experience.

Ported applications demonstrate no loss of performance compared to the Android applications running in the native environment, thanks to Myriad Dalvik Turbo technology. As an example, when running on the Nokia N900, Myriad Alien Dalvik demonstrates similar or superior performances.

First implemented on the Meego/Maemo platform, Myriad Alien Dalvik can support other platforms, to be developed depending on customers needs.

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About Myriad

Myriad Group AG is a global leader in mobile technology and has shipped over 3.7 billion software applications in more than 2 billion mobile phones. Its comprehensive portfolio includes browsers, messaging, Java, social networking, user interfaces and middleware for all types of mobile phones, from ultra-low cost handsets to advanced smartphones.

The company provides both individual components and complete solutions, which enable handset manufacturers and operators to deliver amazing experiences on mobile phones. Myriad also develops USSD-based customer self-care platforms that deliver over 10 billion messages a year to 220 million mobile users across more than 35 mobile operators worldwide.

Myriad was created from the combination of industry-leading companies, Esmertec and Purple Labs. It operates worldwide, with offices in Switzerland, France, UK, USA, Mexico, China, South Korea, Taiwan, Japan and Australia. Headquartered in Dübendorf-Zürich Switzerland, Myriad is listed on the SIX Swiss Exchange (SIX Symbol: MYRN). For more information, visit www.myriadgroup.com.