From: Kate Seekings
Sent: Monday, November 17, 1997 10:47 PM
To: Charles Fitzgerald; Brad Abrams; Jing De Jong-Chen; Tracy Sharpe; Ian Ellison-Taylor;
            Kevin Miller; Jason Pace
Cc: Erich Andersen (LCA); Jan Simmons
Subject: AFC relnotes for SDK 2.01

I have updated the JDK 1.1-compatible AFC relnotes for this rev of the SDK, and checked them in. Updates assume seperate 1.0.2-compatible AFC relnotes; let me know if this will not be the case.

Note: I have inserted some blank links to these 1.1 AFC relnotes: these will need to be updated when we know where the 1.0.2-compatible relnotes will be living. Jason, will you be able to handle this?

Please review and give me any feedback. The only 1.0.2 issue I have specifically addressed in these revised relnotes is platforms; this is simply to stop people having to look too far to find answers.

afc htm

Thanks

K

Kate Seekings
http://www.microsoft.com
Tel: 425 703 0675
Fax: 425 936 7329

MS-PCA 2552068

CONFIDENTIAL

In this topic

Application Foundation Classes (JDK 1.1-compatible AFC)

Introduction

Microsoft's Application Foundation Classes (AFC) are a comprehensive set of Java class libraries providing user interface controls, graphics and effects classes and the ability to create and extract cabinet (CAB) files. AFC's UI controls give Java developers a rich set of UI elements from which they can quickly build flexible, modern and powerful user interfaces for their applications, enhanced by the innovative graphics techniques exposed for the first time by the Fx graphics and effects classes. Developers can, through the Java CAB APIs, utilize Microsoft's CAB packaging and compression technology on any virtual machine.

Written in Java, AFC ensures that applications built using these classes run on the most popular platforms supporting Java. The AFC UI controls are defaulted to the Windows UI, and are also are fully customizable to reflect the needs of application and applet designers. AFC supports Active Accessibility for Java, so any application developed using AFC is automatically accessibility-enabled where Active Accessibility for Java services exist. AFC comprises:

- UI: A rich suite of UI controls, written in Java. UI controls will run in a number of popular browsers and are automatically accessibility-enabled where appropriate platform services exist.

- Fx: A suite of classes for graphics and effects, written in Java. Fx classes will run in a number of popular browsers.

- CAB: A suite of Java APIs for creating and extracting cabinet files on any virtual machine.
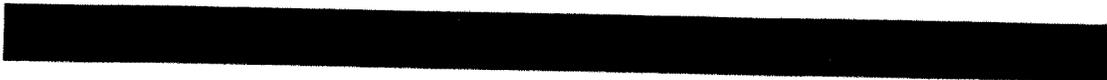
Known Issues for AFC

- **Platforms and JDK 1.1 and 1.02 compatibility:** AFC's UI and Fx classes are JDK 1.1 compatible, and run with Microsoft's JDK 1.1-compatible VM, shipping with Internet Explorer and the Microsoft SDK for Java Version 2.0.1.

In addition, this SDK for Java Version 2.01 contains a redistributable, JDK 1.0.2-compatible version of AFC which has been tested on popular JDK 1.0.2-compatible browsers on Win32 and other platforms. This redistributable component should be used for applets requiring distribution on Internet Explorer 3.0.1 and other popular non-JDK 1.1-compliant platforms.

Full JDK 1.0.2-compatible AFC licensing and redistribution details are included with the Microsoft SDK for Java Version 2.01 EULA, JDK 1.0.2-compatible AFC Release Notes are included with this SDK, and differences affecting developers between the JDK 1.02 and 1.1-compatible versions of AFC are described in accompanying documentation. In addition, watch http://www.microsoft.com/java/afc for the latest updates and documents.

From	To
public Dimension minimumLayoutSize(IUIContainer parent)	public Dimension getMinimumSize(IUIContainer parent)
public Dimension preferredLayoutSize(IUIContainer parent)	public Dimension getPreferredSize(IUIContainer parent)
public void layoutContainer(IUIContainer parent)	public void layout(IUIContainer parent, Rectangle rect)