
Java for Mac OS X 10.4 Release 6 Release Notes

Java



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Introduction to Java for Mac OS X 10.4 Release 6 Release Notes

This release of Java for Mac OS X includes improvements for Java 2 Platform, Standard Edition 5.0 (J2SE 5.0) and Java 2 Platform, Standard Edition 1.4.2 (Java 1.4.2) on Mac OS X. It features Apple's implementation of Sun's J2SE Versions 1.5.0_13 and 1.4.2_16.

Java for Mac OS X 10.4 Release 6

For general information about Java changes in J2SE 5.0, see *Release Notes - Java 2 SDK, Standard Edition Version 5.0* at <http://java.sun.com/j2se/1.5.0/relnotes.html>. For general information about Java changes in Java 1.4.2, see *Release Notes - Java 2 SDK, Standard Edition Version 1.4.2* at <http://java.sun.com/j2se/1.4.2/relnotes.html>.

Note: J2SE 5.0 is the preferred Java version in Java for Mac OS X v10.4 Release 6. This release includes an updated version of Java 1.4.2, but applications run with J2SE 5.0 unless they specifically request Java 1.4.2.

You can install this release and the Java SE 6 Release 1 Developer Preview on your machine, even though both these developer previews install into some of the same locations. If you require Java SE 6 Release 1 Developer Preview it *must* be installed prior to installing this release. The Java SE 6 Developer Preview will not install after installing this release. Additionally, when you install Java for Mac OS X 10.4, Release 6, it disables the switchable command line feature of the Java SE 6 Developer Previews.

Who Should Read This Document?

Any developer who wants to distribute Java applications for Mac OS X should read this document since various issues and fixes found in this release may affect your application. Anyone interested in new Java development on Mac OS X 10.4 should read this document for the most current information on new features and outstanding issues with Java for Mac OS X.

Organization of This Document

This document contains the following chapter:

- [“Known and Resolved Issues”](#) (page 7) highlights a selection of high-visibility bugs that have been addressed in this release. This chapter is broken down by the category where the bug occurs and provides a brief description of what the issue was and how it was resolved.

This document also contains a revision history.

INTRODUCTION

Introduction to Java for Mac OS X 10.4 Release 6 Release Notes

Known and Resolved Issues

This chapter lists high visibility bugs that have been addressed in this release. It is not a complete listing of all of the bugs addressed. If you still have issues with any of these bugs, please file a new bug at <http://bugreport.apple.com/> under the Java (new bugs) component, version X. Refer to the bug number indicated below in your new bug if you believe it is the same issue.

Java Applets

Radar #5006767

Unable to use Citrix Java Client

Description:

When trying to connect a Citrix Java client in Safari, an exception would get thrown and the connection would fail.

Resolution:

This problem has been fixed and Citrix Java clients should work as expected.

Radar #5319435

Loading a page with an applet hangs Safari after installing Mac OS X 10.4.11

Description:

After updating to Mac OS X 10.4.11, some pages with JavaScript manipulating Java applets caused Safari to freeze with a spinning beach ball, requiring a force quit.

Resolution:

This problem has been fixed.

Radar #5411901

Loading an applet crashes Safari

Description:

If you had installed a Developer Preview of Java 6 for Mac OS X 10.4 and then installed Java Update 5 for Mac OS X 10.4 afterwards, applets in Safari would crash it with an error "Symbol not found: __NSJVMVersionIsSafe".

Resolution:

This problem has been fixed.

Radar #5636797

AppletContext.showDocument ignored sometimes

Description:

If you have "Block Pop-Up Windows" enabled in Safari or FireFox, calls to AppletContext.showDocument() will be ignored. This issue also affects other browsers that have similar pop-up blocking mechanisms.

Workaround:

Please uncheck "Block Pop-Up Windows" in Safari or, in Firefox, allow the window to display a popup window to let the Java applet open a new window.

Java AWT

Radar #5012893

Java crashes while trying to exit

Description:

Under certain circumstances, Java applications would crash in `-[CocoaAppWindow displayIfNeeded]` while trying to exit.

Resolution:

This problem has been fixed.

Java Graphics

Radar #5497376

Unable to set SecurityManager

Description:

Setting a SecurityManager in the main method of a Swing application results in an exception being thrown by `RepaintArea.paint()`.

Resolution:

The problem is fixed.

Java HotSpot

Radar #5466447

Applications using `java.util.concurrent` classes would hang

Description:

Under certain circumstances, applications that made extensive use of classes in the package `java.util.concurrent` would hang.

Resolution:

This problem has been fixed.

Java JavaLib

Radar #5296411

Java does not contain the latest time zone data

Description:

New Zealand changed its date for switching to Daylight Savings Time, as well as numerous other changes to time zone information.

Resolution:

Java 1.5 contains the most recent version of the Olson time zone data (2007g) from August, 2007.

Radar #5375935

Dragging a file to a Java application fails if the file name contains non-Roman characters

Description:

Files with non-Roman characters in the file name could not be passed to `java.io.File` objects.

Resolution:

Java now pre-composes all filenames of files dragged to Java applications or chosen via a `JFileChooser`. Files created from `File.list()` and `File.canonicalize()` are also normalized to pre-composed Unicode.

Java Printing

Radar #5290802

The `javax.print` API dialog uses the wrong queue name

Description:

Print jobs invoked by Java's `javax.print` API incorrectly set the printer queue name based on the printer's user friendly "Name", set in Printer Setup Utility, rather than the underlying print queue's name.

Resolution:

This problem has been fixed.

Java Text

Radar #5153852

Obtaining the GlyphVector outline of characters in certain fonts yielded "crumpled" outlines

Description:

Some PostScript fonts containing cubic paths were truncating some point information about the character stroke. This issue has been resolved for all line, quad, and cube path components.

Resolution:

This problem is now fixed.

Java Web Start

Radar #4359547

Application name in dock is "java" for JNLP apps

Description:

Launching a Java application via Java Web Start causes the name of the application in the dock to appear as "java" even though it gets the correct icon and the Application Menu has the correct name.

Resolution:

This problem has been fixed.

Radar #4489098

Application created by Java Web Start shows a generic "java" icon

Description:

When creating a "desktop application" for a Java Web Start app, it gets the generic icon instead of the correct application icon.

Resolution:

Java Web Start now creates a hidden application first and then un-hides it after creation. This problem has been fixed.

Radar #5014100

JNLP files occasionally opened by wrong application

Description:

Under certain circumstances the file association between JNLP files and Java Cache Viewer.app was being reset to Java Web Start.app. This is an older version of Java Web Start that can't run Web Start applications in Java 1.5.0. As a result, the wrong version of Java runs the application.

Resolution:

/Applications/Utilities/Java/J2SE 5.0/Java Cache Viewer.app will be removed during this update of Java. During installation, Java Web Start.app will be updated to 1.5.0_13, and will handle all JNLP files for all versions of Java.

Radar #5078692

Java Web Start Applications cannot start from folders containing non-ASCII characters.

Description:

JNLP files downloaded to or placed in a folder containing non-ASCII characters would generate a java.io.FileNotFoundException error when opened.

Resolution:

This problem has been fixed.

Radar #5087167

Java Web Start crashes when creating a desktop application

Description:

Java Web Start crashed when attempting to create a desktop application for a JNLP file that had an empty "description" element of an "information" node.

Resolution:

This problem has been fixed.

Document Revision History

This table describes the changes to *Java for Mac OS X 10.4 Release 6 Release Notes*.

Date	Notes
2007-12-14	First version of Java for Mac OS X 10.4 Release 6 Release Notes.

REVISION HISTORY

Document Revision History