Java for Mac OS X v10.4, Release 7 Release Notes

Java

2008-09-24

Apple Inc.
© 2008 Apple Inc.
All rights reserved.

No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, mechanical, electronic, photocopying, recording, or otherwise, without prior written permission of Apple Inc., with the following exceptions: Any person is hereby authorized to store documentation on a single computer for personal use only and to print copies of documentation for personal use provided that the documentation contains Apple's copyright notice.

The Apple logo is a trademark of Apple Inc.

Use of the "keyboard" Apple logo (Option-Shift-K) for commercial purposes without the prior written consent of Apple may constitute trademark infringement and unfair competition in violation of federal and state laws.

No licenses, express or implied, are granted with respect to any of the technology described in this document. Apple retains all intellectual property rights associated with the technology described in this document. This document is intended to assist application developers to develop applications only for Apple-labeled computers.

Every effort has been made to ensure that the information in this document is accurate. Apple is not responsible for typographical errors.

Apple Inc.
1 Infinite Loop
Cupertino, CA 95014
408-996-1010

Apple, the Apple logo, Leopard, Mac, and Mac OS are trademarks of Apple Inc., registered in the United States and other countries.

Intel and Intel Core are registered trademarks of Intel Corportation or its subsidiaries in the United States and other countries.

Java and all Java-based trademarks are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and other countries.

PowerPC and and the PowerPC logo are trademarks of International Business Machines Corporation, used under license therefrom.

Simultaneously published in the United States and Canada.

Even though Apple has reviewed this document, APPLE MAKES NO WARRANTY OR REPRESENTATION, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THIS DOCUMENT, ITS QUALITY, ACCURACY, MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE. AS A RESULT, THIS DOCUMENT IS PROVIDED "AS IS," AND YOU, THE READER, ARE ASSUMING THE ENTIRE RISK AS TO ITS QUALITY AND ACCURACY.

IN NO EVENT WILL APPLE BE LIABLE FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY DEFECT OR INACCURACY IN THIS DOCUMENT, even if advised of the possibility of such damages.

THE WARRANTY AND REMEDIES SET FORTH ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHERS, ORAL OR WRITTEN, EXPRESS OR IMPLIED. No Apple dealer, agent, or employee is authorized to make any modification, extension, or addition to this warranty.

Some states do not allow the exclusion or limitation of implied warranties or liability for incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Contents

Introduction **Introduction to Java for Mac OS X v10.4, Release 7 Release Notes 5**

Who Should Read This Document? 5
Organization of This Document 5

Chapter 1 **Known and Resolved Issues 7**

Java AWT 7
Java Printing 7

Document Revision History 9

2008-09-24 | © 2008 Apple Inc. All Rights Reserved.

2008-09-24 | © 2008 Apple Inc. All Rights Reserved.

Introduction to Java for Mac OS X v10.4, Release 7 Release Notes

These release notes provide information concerning known and resolved issues that may affect developers creating Java applications for Mac OS X with Java for Mac OS X v10.4, Release 7.

Java for Mac OS X v10.4, Release 7

Java for Mac OS X v10.4, Release 7 updates J2SE 5.0 and J2SE 1.4.2 to versions 1.5.0_16 and 1.4.2_18, respectively, on all Intel-based and PowerPC-based Macs. This release is only for Mac OS X v10.4.11 and later, and should not be installed on earlier versions of Mac OS X or Mac OS X v10.5 Leopard.

Who Should Read This Document?

Any developer who wants to develop Java applications on Mac OS X v10.4 should read this document as various issues and fixes found in this release may affect your application.

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.

2008-09-24 | © 2008 Apple Inc. All Rights Reserved.

2008-09-24 | © 2008 Apple Inc. All Rights Reserved.

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 AWT

Radar #5654416

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 #5871542

javax.print based printing fails if the printer name contains spaces or non-ascii characters.

Description:

Print jobs printing postscript data though the javax.print API funnels the job though LPR, which does not understand the human readable name of the printer.

Resolution:

The javax.print implementation now correctly passes the CUPS printer identifier to LPR.

2008-09-24 | © 2008 Apple Inc. All Rights Reserved.

2008-09-24 | © 2008 Apple Inc. All Rights Reserved.

Document Revision History

This table describes the changes to *Java for Mac OS X v10.4, Release 7 Release Notes*.

Date	Notes
2008-09-24	First version.

2008-09-24 | © 2008 Apple Inc. All Rights Reserved.

Document Revision History

2008-09-24 | © 2008 Apple Inc. All Rights Reserved.