



Java Desktop System Release 2 Release Notes

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Preface

These release notes contain information relevant to the Sun Java™ Desktop System Release 2. Read this document before you install the Java Desktop System.

Related Documentation

The following manuals are related to this guide:

- *Java Desktop System Release 2 Installation Guide*
- *Java Desktop System Release 2 Quick Start User Guide*
- *Java Desktop System Release 2 Troubleshooting Guide*
- *Java System Update Service User's Guide*

Associated Documentation

The following documents are associated with this guide:

- *GNOME 2.2 Desktop Accessibility Guide*
- *GNOME 2.2 Desktop on Linux System Administration Guide*
- *GNOME 2.2 Desktop on Linux User Guide*
- *StarOffice 7 Office Suite Administration Guide*
- *StarOffice 7 Office Suite Basic Guide*
- *StarOffice 7 Office Suite Setup Guide*
- *StarOffice 7 Office Suite User's Guide*
- *Ximian Evolution 1.4 Sun Microsystems Edition User Guide*

Accessing Sun Documentation Online

The docs.sun.comSM Web site enables you to access Sun technical documentation online. You can browse the docs.sun.com archive or search for a specific book title or subject. The URL is <http://docs.sun.com>.

Ordering Sun Documentation

Sun Microsystems offers select product documentation in print. For a list of documents and how to order them, see "Buy printed documentation" at <http://docs.sun.com>.

Typographic Conventions

The following table describes the typographic changes that are used in this book.

TABLE P-1 Typographic Conventions

Typeface or Symbol	Meaning	Example
AaBbCc123	The names of commands, files, and directories, and onscreen computer output	Edit your <code>.login</code> file. Use <code>ls -a</code> to list all files. <code>machine_name%</code> you have mail.
AaBbCc123	What you type, contrasted with onscreen computer output	<code>machine_name%</code> su Password:
<i>AaBbCc123</i>	Command-line placeholder: replace with a real name or value	The command to remove a file is <code>rm filename</code> .
<i>AaBbCc123</i>	Book titles, new terms or terms to be emphasized	Read Chapter 6 in the <i>User's Guide</i> . These are called <i>class</i> options. Do <i>not</i> save the file.

Shell Prompts in Command Examples

The following table shows the default system prompt and superuser prompt for the C shell, Bourne shell, and Korn shell.

TABLE P-2 Shell Prompts

Shell	Prompt
C shell prompt	machine_name%
C shell superuser prompt	machine_name#
Bourne shell and Korn shell prompt	\$
Bourne shell and Korn shell superuser prompt	#

Java Desktop System Release 2 Release Notes

The Java™ Desktop System Release 2 offers a complete desktop environment that is largely based on open source software.

- “Contents of This Release” on page 9
- “Known Issues” on page 10
- “Where To Find Documentation” on page 11
- “Plugins for Mozilla 1.4” on page 13
- “Ximian Evolution 1.4 FAQ” on page 14
- “Migration To Unicode Multilingual Computing” on page 16
- “Supported Languages” on page 19
- “Unsupported Applications” on page 20
- “Unsupported Third Party Applications” on page 21
- “Unsupported Games” on page 21
- “Product Updates” on page 22
- “Customer Support” on page 22

For the latest version of these release notes, see <http://docs.sun.com>.

Contents of This Release

The contents of this release of the Java Desktop System are shown in Table 1-1.

TABLE 1-1 CD Contents

CD	Description
CD1, CD2, CD3	Contain all the files you need to install the Java Desktop System.

TABLE 1-1 CD Contents (Continued)

CD	Description
CD4, CD5	Contain the sources for the contents of CD1, CD2 and CD3. You do not need CD4 and CD5 during the installation process.
Documentation CD	Contains the user documentation for the Java Desktop System.

Known Issues

See the *Java Desktop System Release 2 Troubleshooting Guide* for known issues and workarounds. The following table describes known issues for which a workaround has not yet been identified.

Topic	Known Issue
About GNOME	Bug ID: 5025654 The About GNOME dialog contains incorrect version information.
File Manager	Bug ID: 5021163 The Nautilus file manager cannot inherit permissions via <code>nfs:///</code> . As a result, you cannot change permissions for files and folders on an <code>nfs</code> mount.

Topic	Known Issue
Localization	<ul style="list-style-type: none"> ■ This release of the Java Desktop System includes many localized versions of applications that are taken from the GNOME community. Sun Microsystems does not take any responsibility for the completeness or accuracy of these localizations. ■ You cannot print out documents from Mozilla containing non-BMP Unicode characters. ■ This release of the Java Desktop System only supports the HKSCS-1999 version of the Hong Kong Supplementary Character Set (HKSCS), due to the version of glibc that the system uses. Support for HKSCS-2001 is planned for a future release of the Java Desktop System. The differences between HKSCS-1999 and HKSCS-2001 are as follows: <ul style="list-style-type: none"> ■ HKSCS-1999 uses ISO-10646/Unicode PUA (Private Use Area) to assign code for additional characters defined in HKSCS that were not part of ISO-10646/Unicode as of 1999, and is not, and will not be an official part of ISO-10646/Unicode. ■ HKSCS-2001 uses ISO-10646/Unicode Plane 2 for the same characters defined in HKSCS-1999 instead of PUA, because the HKSCS character repertoire is accepted as an official part of ISO-10646/Unicode. ■ HKSCS-2001 supports an additional 116 characters over HKSCS-1999. Since code assignment between HKSCS-1999 and HKSCS-2001 is different, although ISO-10646/Unicode with HKSCS-1999 works in this release of the Java Desktop System, any documents using characters in HKSCS-1999 need code conversion, as if they are written in legacy encodings such as EUC or Big5, to interchange with the systems using ISO-10646/Unicode with HKSCS-2001. The version of glibc that supports HKSCS-2001 is available for download for this release of the Java Desktop System, together with the HKSCS-1999 to HKSCS-2001 code converter. ■ Bug ID: 5025578 When the Korean Input Method is enabled, hot keys do not work for non-GTK applications. ■ Bug ID: 5030768 In the Sun Java Studio 5 Standard Edition for Java Desktop System CD, the Chinese language <i>Getting Started Guide</i> in the README.html is linked to the wrong document. The correct link is as follows: <code>Documentation_zh/getstartedse_zh_CN.pdf</code>

Where To Find Documentation

You can view PDF and HTML versions of the documentation for the Java Desktop System in the following locations:

- On the accompanying Documentation CD.

- On <http://docs.sun.com>.

Accessing Localized Versions of User Documentation

Some localized versions of the Java Desktop System user documentation do not display in the GNOME Help browser. You can view localized versions of the user documentation on the accompanying Documentation CD or on <http://docs.sun.com>.

Perform the following steps to view the localized versions of the user documentation from the Documentation CD:

- Insert the Documentation CD into the CD drive of your system.
- Open the `README.html` file with your HTML browser.
- Follow the instructions in `README.html` to select the language, topic, and manual that you require.

Perform the following steps to view the localized versions of the user documentation from <http://docs.sun.com>.

- Open the following page:
<http://docs.sun.com>
- Select the language that you require from the language selection buttons.
The language selection buttons are located next to the **Search/browse within** area of the page.
- Enter the name of the manual that you want in the **Search** field.
- Choose the manual that you want from the list displayed.

Unsupported Documentation

This release of the Java Desktop System includes applications that have Help manuals provided by the GNOME free software community. Documentation provided by the free software community is not supported by Sun Microsystems. Sun Microsystems does not take any responsibility for the completeness or accuracy of Help manuals provided by the free software community. The following table indicates the extent of Sun-supported documentation viewable in the Java Desktop System Help browser.

Help Section	Supported Status
GNOME Desktop	<p>Sun Microsystems provides documentation for all supported applets and applications. Sun Microsystems does not provide any documentation for unsupported applications. See the following sections for lists of unsupported applications:</p> <ul style="list-style-type: none"> ■ “Unsupported Applications” on page 20 ■ “Unsupported Third Party Applications” on page 21 ■ “Unsupported Games” on page 21
Additional documents	<ul style="list-style-type: none"> ■ System <p>Sun Microsystems does not support any documents in this section.</p> ■ Manual Pages <p>Sun provides 129 man pages related to supported applications and functionality. If Sun Microsystems, or an agent of Sun Microsystems, is not specifically credited as the author of a man page, then the document is not supported by Sun Microsystems.</p> ■ Info Pages <p>Sun Microsystems does not support any documents in this section.</p>

Sun Microsystems does not provide localized versions of unsupported documentation.

Plugins for Mozilla 1.4

This section contains information about plugins for Mozilla 1.4.

Java Plugin

Java Plugin is enabled in Mozilla 1.4 by default. If Java Plugin does not work, then create a symbolic link in the `/usr/lib/mozilla/plugins` directory, pointing to the following file:

```
$JAVA_PATH/plugin/i386/ns610-gcc32/libjavaplugin_oji.so
```

Note – Do not copy the `libjavaplugin_oji.so` file instead of creating a symbolic link. A copy of the file causes Java to crash.

Install all Java plugins in the `/usr/lib/mozilla/plugins` directory.

Other Plugins

The following third-party plugins are also available for Mozilla 1.4:

- Adobe Acrobat Reader
- Macromedia Flash Player
- RealPlayer

For more installation information about Mozilla plugins, see the following location:
<http://plugindoc.mozdev.org/linux.html>

Ximian Evolution 1.4 FAQ

The following table provides answers to some Frequently Asked Questions (FAQs) in relation to Ximian Evolution 1.4.

Question	Answer
How do I configure Pilot settings?	Refer to the Pilot Configuration Help for information about PalmOS synchronization and related settings.
How do I access Pilot from Evolution?	Choose Tools → Pilot Settings.
Must I keep the Pilot Settings dialog open during synchronization?	No, but you must ensure that the <code>gnome-pilot</code> process is active and functions properly.
Which types of PalmOS are supported by Pilot in Evolution?	PalmOS 5 series.
I cannot connect to my PalmOS device. Why not?	Check file permissions. The PalmOS device does not work by default. Ensure you choose a device that you can use. For example: <code>ttyUSB0</code> for USB, or <code>ttyS0</code> for serial cradle.
Can PalmOS work with Evolution through the USB device on the Java Desktop System?	Yes, but using PalmOS through USB severely degrades the performance of your personal computer (PC).

Question	Answer
Are there any risks during synchronization through USB?	During synchronization, your PC might become immobilized. For example, the Caps Lock LED and Scroll Lock LED blink. Possible reasons are related to the USB module, kernel problem, and hardware issues.
How do I backup PalmOS data to a PC?	From the Pilot Settings dialog, select the Conduits tab and enable the Backup option.
How can I copy backup files from a PC to PalmOS using Evolution?	Pilot can restore your backup data from PC to PalmOS. You can also use some command line tools such as: <code>gnome-pilot-install-file/pilot-xfer</code> .
Does Evolution support the category synchronization?	Evolution Conduits do not support category synchronization.
Can I synchronize data between a Java Enterprise System account to a PalmOS device?	Yes, you must set the default calendar and task folder to Java Enterprise System folders. From Evolution, choose Tools → Settings → Folder Settings → Default Folders.
How does Evolution synchronize with a PalmOS device?	Evolution does not communicate directly with PalmOS. Evolution uses Conduits which also acts as a plugin for Pilot and Pilot communicates with the PalmOS device.
Can I synchronize data from Evolution to a Pocket PC?	No, you cannot synchronize Evolution with a Pocket PC directly. But you can use other open source tools, such as Sync and MultiSync to synchronize the address book of Evolution.
How can I configure Mozilla so that Evolution does not launch when I click on Send Link or Send Page?	<p>Open one of the following files:</p> <ul style="list-style-type: none"> ■ <code>\$HOME/.mozilla/<profilename>/<random>/prefs.js</code> ■ <code>/usr/lib/mozilla-1.4/defaults/pref</code> <p>You must change the following line:</p> <pre>pref("network.protocol-handler.external.mailto", true)</pre> <p>Change the line to the following:</p> <pre>pref("network.protocol-handler.external.mailto", false)</pre>
How can I correct the protocol settings for Java Enterprise System accounts using Evolution?	<p>If your Java Enterprise System server uses http protocol, but you mistakenly choose https protocol in the Java Enterprise System account settings, Evolution does not allow you to correct the protocol from Settings.</p> <p>As a workaround to this issue, right-click on the Java Enterprise System folder and choose Forget Password from the menu. Restart Evolution and cancel the Enter Password dialog. Now you can choose the correct protocol in Settings.</p>

Question	Answer
Can I use Evolution with the CDE Calendar application?	No, Evolution can only be connected to the Java Enterprise System calendar server.

Migration To Unicode Multilingual Computing

The Java Desktop System is a fully Unicode-enabled, multilingual system that supports languages with Unicode UTF-8 encoding. The Java Desktop System also provides codeset conversion to support legacy language encodings.

Legacy Language Options

The language selection menu in the login screen only shows the supported Unicode UTF-8 language names instead of locale names. To support the migration to Unicode, the Java Desktop System provides legacy locales using non-UTF-8 locales that system administrators can add to the login selection menu as an option.

The list of languages shown in the language selection menu in the login screen is configured in the following file: `/etc/X11/gdm/locale.alias`

Each supported legacy locale is listed in this file in a commented out line preceded by the `#` character. For example, Japanese support is listed in the following way:

Normal Line	Commented Line
Japanese ja_JP.UTF-8	<code>#Japanese ja_JP.eucJP</code>

To show `ja_JP.eucJP` as an option in the language selection menu, open the `locale.alias` file with a text editor and remove the `#` character at the start of the line.

Importing And Exporting Data

There are a number of methods of importing and exporting data that are affected by the migration to Unicode multilingual computing.

Removable Media

The system administrator must configure the mount options `codepage` and `iocharset` for the file system type FAT and VFAT that are typically used for floppy disks, zip drives, and removable hard-disks on Microsoft Windows. For example, if you import from Traditional Chinese Windows, the settings must be as shown in the following table to browse the traditional Chinese filenames correctly.

Mount Option	Traditional Chinese Setting
<code>codepage</code>	950
<code>iocharset</code>	big5

Sample entries for `/etc/fstab` for the Traditional Chinese example are as follows:

```
/dev/fd0h1440          /media/fd0h1440      vfat
                        noauto,iocharset=big5,codepage=950

/dev/sda1              /media/iee1394disk   vfat
                        noauto,iocharset=big5,codepage=950
```

Mounting a Remote Microsoft Windows File System Using Samba

A system administrator must configure mount options `codepage` and `iocharset` to mount a remote Microsoft Windows file system shared using CIFS, or a file system exported from another system by SMB. For example, if you import the legacy files encoded in `big5` on Traditional Chinese Windows, the `iocharset` parameter must be set to `big5` and `codepage` must be set to `950` to browse the Traditional Chinese file names correctly. A sample `/etc/fstab` entry is as follows:

```
server:/data /data smbfs
iocharset=big5,codepage=950,username=foo,password=bar
```

Mounting a Remote UNIX File System Using Samba

The Java Desktop System can remotely access a file system on UNIX and Linux systems by using SMB. The export server must run Samba or equivalent to export the remote file system. The client side can specify file system encoding if the legacy data is stored in legacy encodings. The codeset conversion of the filename is done automatically.

Microsoft Office Files

Microsoft Office files are encoded in Unicode. StarOffice applications can read and write the Unicode encoded files without problem.

HTML Files

HTML files authored using HTML editors such as Mozilla Composer , or HTML files saved by a web browser, usually contain a `charset` encoding tag. After exporting or importing, you can browse such HTML files with the Mozilla Navigator web browser, or edit the files with Mozilla Composer, according to the encoding tag in the HTML file.

Fixing Broken HTML Files

Some HTML files might be displayed in garbage characters. This problem is typically due to the following reasons:

- The `charset` encoding tag is incorrect.
- The `charset` encoding tag is missing.

To find the `charset` encoding tag in the HTML file, perform the following actions:

1. Open the file with Mozilla.
2. Press **Ctrl**i, or click **View** to open the View menu.
3. Click on **Page Info**.

The `charset` information is in the bottom of the **General** tab, for example:

```
Content-Type text/html; charset=us-ascii
```

If the string `charset=us-ascii` does not match with the actual encoding of the file, the file might appear as broken. To edit the encodings of the HTML file, perform the following actions:

1. Open the file with Mozilla Composer.
2. Open the File menu.
3. Select **Save As Charset**.
4. Choose the correct encoding. Mozilla Compose automatically converts the encoding and the `charset` tag as appropriate.

Emails Saved As Portable Format

Modern emails are tagged with the MIME `charset` tag. The mail application of the Java Desktop System, Evolution, accepts MIME `charset` tags. You do not need to perform any encoding conversion.

Plain Text Files

Plain text files do not have a `charset` tag. If the files are not in UTF-8 encoding, encoding conversion is needed. For example, to convert a plain text file encoded in Traditional Chinese big5 to UTF-8, execute the following command: `iconv -f big5 -t UTF-8 inputfilename > outputfilename`

Supported Languages

The following table lists the supported languages for this release of the Java Desktop System.

Supported Languages

English

French

German

Italian

Japanese

Korean

Spanish

Swedish

Simplified Chinese

Traditional Chinese

Note – Brazilian Portuguese is supported by the user interface only.

Unsupported Applications

The following table describes applications in the Java Desktop System that are not supported by Sun.

Unsupported applications	Description
Diagrams and Flowcharts	Drawing diagram editor and charting tool.
Image Editor	GNU Image Manipulation Program that enables you to edit images.
Digital Camera	Digital camera utility that enables you to manage images.
Image Organizer	Image viewer and browser that displays thumbnails of images on your desktop.
Video Conferencing	Real-time conferencing application.
Project Manager	Project management and scheduling tool.
Movie Player	Multimedia player that enables you to play motion pictures.
Text/Source Editor	General purpose extensible editor for programmers.
Dictionary	Online dictionary that enables you to look up definitions and correct spellings of words.
Diagram Editor	Diagram editor that enables you to create flow charts, maps, UML diagrams, and many other diagrams.
Disk Analyzer	Disk analyzer that enables you to visualize your disk.
Weather Report	Displays current weather conditions for different regions.

Unsupported Third Party Applications

The following table describes third-party products in the Java Desktop System that are not supported by Sun.

Third Party Products	Description
Adobe Acrobat Reader	Enables you to view Portable Document Format (PDF) formatted files.
Macromedia Flash Player	Enables you to play back interactive multimedia on the Web.
RealPlayer	Enables you to play back media files in a variety of popular formats.

Unsupported Games

The following games are not supported by Sun Microsystems:

- Freecell
- GTali
- Gataxx
- Glines
- Gnect
- Gnibbles
- Gnotski
- Iagno
- Mahjongg
- Mines
- Robots
- Same GNOME
- Stones
- Tetravex

Product Updates

You can download product updates of the Java Desktop System from the following location: <http://www.jdsupdate.sun.com>

Customer Support

Sun Microsystems provides the following customer support services:

Location	Description
http://www.sun.com/service/contacting/solution.html	Technical Support Centers
http://www.sun.com/service/support/warranty/	Global Warranty Support
http://www.sun.com/service/support/software/desktop/index.html	Software Support Services

Installation and Configuration Support Agreement

An Installation and Configuration Support Agreement postulates that the Client has a Standard Installation. A Standard Installation is an installation of the Sun Java Desktop System Retail Product that only contains the packages that are included in the product scope or are offered in the Maintenance Web.

An Installation and Configuration Support Agreement can only be executed for a Standard Installation. The Client shall promptly inform the Supplier about any modification of the Standard Installation performed by the Client after the submission of the offer. If the Supplier does not accept the modification for the Installation and Configuration Support or if the Client does not report the modifications, the Supplier is entitled to terminate the Installation and Configuration Support on extraordinary grounds as soon as the Supplier learns of the modifications.