



Java Desktop System Release 2 Quick Start User Guide

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Preface

This book introduces you to the main features and components of the Sun Java™ Desktop System Release 2.

Related Documentation

The following manuals are related to this guide:

- *Java Desktop System Release 2 Installation Guide*
- *Java Desktop System Release 2 Release Notes*
- *Java Desktop System Release 2 Troubleshooting Guide*

You can access these manuals on the accompanying *Sun Java Desktop System Release 2 Documentation CD*, and at <http://docs.sun.com>.

Associated Documentation

The following manuals 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 Setup Guide*
- *StarOffice 7 Office Suite User's Guide*
- *Ximian Evolution 1.4 Sun Microsystems Edition User Guide*

You can access these manuals on the accompanying *Sun Java Desktop System Release 2 Documentation CD*, and at <http://docs.sun.com>.

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Typographic Conventions

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

TABLE P-1 Typographic Conventions

| Typeface or Symbol | Meaning | Example |
|--------------------|--|--|
| AaBbCc123 | What you type, contrasted with on-screen computer output | machine_name% su Password: |
| <i>AaBbCc123</i> | Book titles, new words, or terms, or words to be emphasized. | Read Chapter 6 in <i>User's Guide</i> . These are called <i>class</i> options. You must be <i>root</i> to do this. |

Overview of the Java Desktop System

The Java Desktop System offers a complete desktop environment, including advanced productivity applications, and is largely based on open source software. The main features and components are outlined in the following sections.

Features and Benefits

The Java Desktop System offers the following features and benefits:

| Feature | Benefit |
|--|---|
| Interoperability | Provides compatibility with common office products and formats. Includes simple network mechanism for the following activities: <ul style="list-style-type: none">■ Mounting networked Windows and UNIX® folders■ Exchanging files by means of drag-and-drop functionality■ Printing to shared printers in Windows, Linux, and UNIX environments |
| Calendar, Email, and Instant Messaging | Supports the following industry standards: <ul style="list-style-type: none">■ Directory services: LDAP■ Email: IMAP4■ File sharing: SAMBA, NFS■ Printing: SAMBA■ Web services: WebDAV |
| Browser and Java Desktop Integration | Java offers an ideal execution environment for web services. |

| Feature | Benefit |
|---------------------|--|
| Office Productivity | Contains a comprehensive suite of tools providing word-processing, spreadsheet, presentation, graphics, and database capabilities. |

Java Desktop System Main Components

The main components of the Java Desktop System are outlined in the following sections:

- “GNOME 2.2 Desktop” on page 9
- “Ximian Evolution 1.4” on page 15
- “StarOffice 7” on page 15
- “Mozilla 1.4” on page 16
- “Java Technology” on page 17

GNOME 2.2 Desktop

The GNOME Desktop enables you to interact efficiently with the applications and documents that you use every day.

The most important components of the GNOME Desktop are as follows:

| Desktop Functionality | Description |
|-----------------------|---|
| File Manager | Enables you to do the following: <ul style="list-style-type: none">■ Display your files and folders.■ Manage your files and folders.■ Run scripts.■ Customize your files and folders.■ Open special URL locations.■ Write data to a recordable CD. |
| Panels | Contains application launchers, system menus, panel drawers, and applets. |

| Desktop Functionality | Description |
|-----------------------|--|
| Window Manager | Enables you to manage application windows and dialogs. |
| Applications | A broad range of full-featured applications that enable you to perform all your usual work activities. |
| Applets | Small applications for specific tasks. |

GNOME Desktop Applications

The following table lists the GNOME Desktop applications.

| Category | Application | Description |
|-------------|--|--|
| Accessories | Archive Manager | Enables you to create, view, modify, or unpack an archive. |
| | Calculator | Multifunctional mathematical and scientific calculator that includes arithmetic, trigonometric, and logarithmic functions. |
| | Dictionary | Enables you to lookup an online dictionary for definitions and correct spelling of words. |
| | Source Editor | General purpose extensible editor for programmers. |
| | Text Editor | A simple text editor that enables you create and edit text files. |
| Games | See <i>Java Desktop System Release 2 Release Notes</i> . | Games applications are not supported by Sun Microsystems. |
| Graphics | Diagram Editor | Diagram editor that enables you to create flow charts, maps, UML diagrams, and many other diagrams. |
| | Image Editor | GNU Image Manipulation Program that enables you to edit images. |
| | Image Organizer | Image viewer and browser that displays thumbnails of images on your desktop. |
| | Image Viewer | Enables you to view and save images using standard image file formats. |
| | PDF Document Viewer | Enables you to view files in Portable Document Format (PDF). |
| | PostScript Viewer | Enables you to view files in PostScript format. |

| Category | Application | Description |
|------------------------|-----------------------------------|--|
| Internet | Sun Java System Instant Messaging | Launches URLs for the following: <ul style="list-style-type: none"> ■ Register for Java IM Demo ■ Run Java IM Demo |
| | Email and Calendar | See “Ximian Evolution 1.4” on page 15 for more information. |
| | Instant Messenger | Enables you to launch a multi-protocol instant messaging client. |
| | Java Web Start | Enables you to start and manage your Java applications. |
| | Network Places | Enables you to add a network location. |
| | Video Conferencing | Real-time conferencing application. |
| | Web Browser | See “Mozilla 1.4” on page 16 for more information. |
| | Multimedia | CD Player |
| Digital Camera Browser | | Digital camera utility that enables you to manage images. |
| Java Media Player | | Enables you to play multimedia files. |
| Movie Player | | Multimedia player that enables you to play motion pictures. |
| Real Player | | Enables you to play media files in a variety of popular formats. |
| Sound Recorder | | Enables you to record and play waveform (.wav) sound files. |
| Volume Control | | Enables you to adjust the volume level on your system. |
| Office | Office Applications | See “StarOffice 7” on page 15 for more information. Note – StarSuite is the default Office application for users in Japan, China, Korea, and Taiwan. Users in all other countries have StarOffice as their default Office application. |
| | Project Manager | Project management and scheduling tool. |

| Category | Application | Description |
|--------------|------------------------------|--|
| System Tools | Administration | <ul style="list-style-type: none"> ■ Boot Floppy Generator: Create a boot floppy for your system. ■ Disk Partitioner: Creates new partitions and resizes existing partitions on your hard disk. ■ Driver Installer: Install drivers from a vendor CD. ■ File Backups: Backup files on your system. ■ File Restores: Restore files on your system. ■ Login Screen Setup: A graphical application for configuring the GNOME Display Manager (GDM). ■ Software Installer: Install or remove software from your system ■ Volume Manager: Create and configure physical and logical volumes and groups. |
| | Configuration Editor | Enables you to directly edit your entire configuration database. |
| | Disk Analyzer | Enables you to visualize your disk. |
| | Floppy Formatter | Enables you to create a floppy disk. |
| | New Login | Log in as another user without logging out. |
| | New Login in a Nested Window | Log in as another user inside a nested window. |
| | Online Update | Update your system online. |
| | System Monitor | View current processes and monitor system state. |
| | Terminal | Enables you to access the command line. |

GNOME Desktop Applets

The following table lists the GNOME Desktop applets.

| Category | Applet | Description |
|-------------|-------------------|--|
| Accessories | Clock | Displays the time and the date. |
| | Dictionary Lookup | Enables you to look up an online dictionary for definitions and correct spelling of words. |
| | Now | A calendar server client. |
| | Sticky Notes | Enables you to create and view small notes on your desktop. |

| Category | Applet | Description |
|------------|------------------------|---|
| | Stock Ticker | Provides continuously updated stock quotes. |
| | Weather Report | Monitors the current weather conditions and forecasts. Note – This applet is not currently supported by Sun Microsystems. |
| Actions | Force Quit | Stops an application running that does not respond to your commands. |
| | Lock | Locks the screen and activates your screensaver. |
| | Log Out | Begins the process to log out of your current session. |
| | Minimize Windows | Minimizes all open windows and displays the desktop. |
| | Run | Opens the Run Application dialog. |
| | Screenshot | Enables you to take screenshots. |
| | Search | Opens the Search tool. |
| Amusements | Fish | Displays an animated image and executes a user-specified command when you click on the image. |
| | Geyes | Displays a pair of eyes that follow the mouse pointer around the screen. |
| Internet | Inbox Monitor | Checks your mail server at regular intervals for new mail in your mailbox. |
| | Modem Lights | Indicates if your modem is working and tracks modem behavior and performance. |
| | Network Monitor | Monitors the activity of a network. |
| | Web Eyes | Enables you to access web search utilities and provides quick access to websites you previously accessed. |
| | Wireless Link Monitor | Monitors wireless links on your desktop. |
| Multimedia | CD Player | Enables you to play audio compact discs on your computer. |
| | Volume Control | Enables you to control the sound volume on your system. |
| Utility | Address Search | Searches for email addresses and phone numbers of people in your address book. |
| | Battery Charge Monitor | Displays the status of the power management subsystem on laptop systems. |

| Category | Applet | Description |
|----------|-------------------------------|---|
| | Character Palette | Provides a convenient way to access non-standard characters. |
| | Command Line | Provides a command line that you can use within any panel on the desktop. |
| | Disk Mounter | Mounts local disks and devices. |
| | Input Method Switcher | Provides integral and multi-lingual input method capabilities. |
| | Keyboard Accessibility Status | Shows the status of the keyboard accessibility features. |
| | Keyboard Layout Switcher | Enables you to assign different layouts to your keyboard. |
| | Notification Area | Displays icons from various applications to indicate activity in the application. For example, when you use the CD Player application to play a CD, a CD icon is displayed in the Notification Area applet. |
| | Pilot Applet | Enables you to configure Palm OS devices. |
| | Quick Lounge | Organizes your preferred applications on panels. |
| | System Monitor | A system load indicator capable of displaying graphs for CPU, RAM, swap space use, and network traffic. |
| | Window List | Enables you to manage the windows that are open on your desktop. |
| | Window Menu | Displays a list of all visible windows open on your desktop and enables you to select the one you want to activate. |
| | Workspace Switcher | Enables you to switch between workspaces. |

Ximian Evolution 1.4

Evolution is an advanced personal information management system that integrates with email and calendar servers. Evolution contains the following components:

| Component | Description |
|------------|---|
| Calendar | Enables you to schedule appointments. |
| Contacts | Enables you to create an address book of your contacts. |
| Email | Enables you to compose, send, receive, and manage email messages. |
| Summary | Provides an overview of your day. Summary displays an overview of your email messages, appointments, meetings, and tasks. |
| Tasks | Enables you to manage the work tasks that you perform. |
| Connectors | Enables you to connect to mail and calendar servers. |

Evolution includes the following features and benefits:

| Feature | Benefit |
|---------------|---|
| Versatility | Evolution manages contact information, appointments and mail, and integrates this functionality in an integrated package. Evolution acts as the central point of control for all your communication needs. |
| Compatibility | Evolution supports global mail protocols, such as IMAP4, SMTP, POP3 and LDAP. Evolution also adheres to global standards and file formats, such as mbox, to facilitate smooth integration into existing environments. |
| Integration | Public interfaces to the core functionality of Evolution components ensure easy integration with other applications. |
| Scalability | Evolution can manage large amounts of mail and provides tools to organize, read, and search through mail in an efficient way. |

StarOffice 7

StarOffice runs on multiple operating systems, including Linux, Solaris, and Windows. StarOffice contains the following applications:

- Word Processing

- Spreadsheet
- Presentation
- Graphics
- Database Capabilities

StarOffice includes the following features and benefits:

| Feature | Benefit |
|---|---|
| Supports XML file formats | You can create, manage, and access complex documents and web pages. |
| Intuitive graphical user interface (GUI) | Familiar interface concepts require minimal retraining. |
| Built on open standards and OpenOffice.org open source code | You are not locked into proprietary formats. |



Mozilla 1.4

Mozilla is a powerful, cross-platform browser that integrates a wide variety of features. Mozilla provides enterprise functionality in one powerful application suite enables you to do the following:

- Surf the Internet
- Communicate with colleagues
- Participate in discussion groups
- Create dynamic web pages

Mozilla includes the following features and benefits:

| Feature | Benefit |
|--|---|
| Powerful browsing capabilities | Increases productivity thanks to streamlined and efficient browsing. |
| Sophisticated navigation and filtering | Saves time by managing and directing incoming mail messages to where you want them to go. Fast and efficient streamlined searches and more secured privacy. |
| Advanced JavaScript controls | Enables you to save and publish web documents created in Composer to a server of your choice in just a few clicks. |
| Tabbed browsing | You can view multiple websites on tabbed pages within a single browser window. |

Java Technology

Java technology provides a multi-platform development environment and supports many platforms, from servers, to cell phones, to smart cards. Java technology unifies business infrastructure to create a seamless, secure, networked platform for users.

Java includes the following features and benefits:

| Feature | Benefit |
|-------------------------|--|
| Mobility and security | The Java platform provides the foundation for true mobility. Java technology makes the ideal development and deployment vehicle for mobile and wireless solutions. |
| Development environment | Java facilitates fast development while reducing the number of time-consuming and costly bugs. |
| Web services | Java and XML languages are two of the most extensible and widely-accepted computing languages. |
| Platform compatibility | Java provides a secure, open, robust, viable, and flexible development platform that enables you to do the following: <ul style="list-style-type: none">■ Reduce costs■ Bring products to market faster■ Benefit from maximum flexibility■ Develop robust applications for consumer devices |

Getting Started with Java Desktop System

This chapter describes the typical default configuration of the Java Desktop System.

The following sections are contained in this chapter:

- “Starting a Session for the First Time” on page 19
- “Tools and Tips” on page 21
- “To Start Evolution” on page 26
- “To Start StarOffice” on page 27
- “To Start Mozilla” on page 28
- “Finding More Information” on page 28

Starting a Session for the First Time

You start a Java Desktop System session from the login screen. You need to enter a username and password to access the Java Desktop System. When you start a session for the first time, you should see a startup screen, with a panel at the bottom of the screen and various icons, similar to the following sample startup screen:



FIGURE 3-1 A Sample Startup Screen

Default Java Desktop System Configuration

This section describes what you see when you start a session for the first time. Your system administrator might have set your default bottom edge panel according to your local requirements, so you might see a slightly different bottom edge panel.

The Java Desktop System startup screen consists of the following:

- **This Computer**
Enables you to access media and configuration details about your system.
- **Documents**
Enables direct access to files stored in your default directory.
- **Network Places**
Provides access to networked computers from a single directory.
- **Trash**
Provides a temporary holding area for files, folders or desktop objects that you can later retrieve or permanently delete.

- Learn About The Java™ Desktop System
Launches a help browser from where you can access Help about the Java Desktop System and the GNOME Desktop.
 - StarOffice 7
Launches the StarOffice application.
 - Bottom edge panel
The following panel objects appear in your bottom edge panel by default:
 - Main Menu **Launch** icon: Contains menu items for applications and configuration tools on the Java Desktop System.
 - Clock Applet: Displays the time and date in a panel.
 - Minimize Windows: Displays a button that you can click to minimize all open windows.
 - Window List: Displays a button for each window that is open. You can click on a window list button to minimize and restore windows.
 - Input Method Switcher: Displays a button that launches an Internet-Intranet-Input Method (IIIM) configuration tool. The Input Method Switcher supports the following functions:
 - Shows the status of input methods
 - Enables users to switch input languages
 - Network Monitor: Displays the status of a network device.
 - Workspace Switcher: Displays a visual representation of your workspaces. You can use Workspace Switcher to switch between workspaces.
 - Desktop
The desktop lies behind all of the other components on the Java Desktop System. The desktop is an active component of the user interface. You can place objects on the desktop to quickly access your files and directories, or to start applications that you use often. You can also right-click on the desktop to open a menu.
-

Tools and Tips

You work with your applications and documents, and interact with the Java Desktop System using the following components and tools:

- Panels
- Menus
- Windows
- Workspaces
- File Manager

- Desktop and desktop objects
- Preference tools

Tips for Working with Panels

Panels are areas from which you can access all of your applications and menus. You can perform the following actions with panels:

- Create top edge panels
- Delete panels
- Hide panels
- Add objects to panels
- Manipulate panel objects

To Create a Top Edge Panel

Right-click on a vacant space on any panel, then choose New Panel.

To Delete Panels

Right-click on the panel then choose Delete This Panel.

To Add Hide Buttons to Panels

Right-click on a vacant space on the panel, then choose Properties to display the **Panel Properties** dialog. Click on **Show hide buttons**.

To Add Objects to Panels

You can add any of the following objects to all types of panels:

- Applets

To add an applet to a panel, right-click on a vacant space on the panel, then choose Add to Panel. Choose the applet that you require from one of the following submenus:

- Accessories
- Actions
- Amusements
- Internet
- Multimedia
- Utility

- **Launchers**

To add a new launcher to a panel, right-click on a vacant space on the panel, then choose Add to Panel → Launcher.

- **Main Menu**

You can add the Main Menu **Launch** icon to your panel. The Main Menu contains all applications and configuration tools. To add the Main Menu to a panel, right-click on a vacant space on the panel, then choose Add to Panel → Main Menu.

- **Menu Bar**

You can add an Applications and Actions menu to your panels to provide quick access to a standard set of application launchers and common actions. To add the Menu Bar to a panel, right-click on a vacant space on the panel, then choose Add to Panel → Menu Bar.

- **Drawers**

To add a drawer to a panel, right-click on a vacant space on the panel, then choose Add to Panel → Drawer.

To open a drawer, click on the drawer. To close a drawer, click on the drawer again.

To Manipulate Panel Objects

You can manipulate panel objects in the following ways:

- **Move objects within a panel, or to another panel.**

Use the mouse button to drag the panel object to a new location on the panel, or to another panel.

- **Copy menu items to a panel.**

Drag the item from the menu to the panel. Alternatively, if the menu item is a launcher, right-click on the menu item, then choose Add this launcher to panel.

Menus

You can access most applications and system functions through menus. To open the Main Menu, click on the **Launch** icon on the panel at the bottom of your screen.

Windows

You can display many windows at the same time in your desktop. Each window frame contains active control elements that you can use to work with the window.

To Manipulate Windows

You use the frame of an application window or dialog window to perform various actions with the window. Most of the control elements are located on the top edge of the window frame.

Workspaces

Workspaces are displayed in the Workspace Switcher applet in your bottom edge panel.

To Switch Between Workspaces

In Workspace Switcher, click on the thumbnail image of the workspace in which you want to work.

To Add Workspaces

To add an additional workspace, right-click on the Workspace Switcher applet, then choose Preferences. Use the **Number of workspaces** spin box to specify the number of workspaces that you require.

File Manager

The File Manager provides an integrated access point to your files and applications. You can display the contents of your files within a File Manager window, or open the files in the appropriate application from File Manager. You can use the file manager to manage your files and folders.

To open a File Manager window, double-click on the **Documents** desktop object.

To Open a File Using the File Manager

Double-click on the file icon in the File Manager window.

To Move Files Between Folders

Drag files between folders in different File Manager windows.

To Print a File

Open the file with the appropriate application and choose Print from the File menu.

Tips for Desktop and Desktop Objects

You can use the desktop to perform the following actions:

- Start your applications, and open your files and folders.
You can add desktop objects for convenient access to the files, folders, and applications that you use frequently.
- Open the Desktop menu.
Right-click on the desktop to open the Desktop menu. You can use the Desktop menu to perform actions on the desktop.

To Open Desktop Objects

To open an object from the desktop, double-click on the object. You can set your preferences in the File Manager so that you click once on an object to execute the default action.

To Add Objects to the Desktop

The fastest way to add objects to your desktop is to drag an object from a File Manager window to the desktop.

Customizing Your Settings

To access tools to customize your settings, choose Main Menu → Preferences.

You can use these preference tools to configure almost every feature of your Java Desktop System.

To Change Your Fonts

Choose Main Menu → Preferences → Display → Font. Use the **Font** dialog to change to the style and size of the fonts that you require.

To Change Your Theme

Choose Main Menu → Preferences → Display → Theme. Use the **Theme** dialog to change from the default theme to a theme of your choice.

To Change Your Screensaver Properties

Choose Main Menu → Preferences → Display → Screensaver. Use the **Screensaver** dialog to change from the default screensaver to a screensaver of your choice.

To Customize Your Desktop Background

Choose Main Menu → Preferences → Display → Background. Use the **Background** dialog to change your desktop background.

To Change Your Login Password

Choose Main Menu → Preferences → Password. Use the **Password** dialog to change your old password to a new password.

To Configure Your Internet Settings

Choose Main Menu → Preferences → Internet. Use the **Internet** dialog to change your proxy configuration.

To Change How Files are Managed

Choose Main Menu → Preferences → Folders. Use the Folder Options dialog to modify your preferences for files and folders.

To Take a Screenshot

To take a screenshot of the entire screen, first add a screenshot applet to your panel. Right-click on a vacant space on the panel, then choose Add to Panel → Actions → Screenshot.

To take a screenshot of the entire screen, click on the **Screenshot** icon on the panel. To save the screenshot, choose a save option from the **Save Screenshot** dialog, then click Save.

To Start Evolution

Choose Main Menu → Email and Calendar.

You can also access Evolution from Main Menu → Applications → **Internet** → Email and Calendar.

When you start Evolution for the first time, the Evolution Setup Assistant is displayed. The Evolution Setup Assistant guides you through the initial configuration process for Evolution. In the initial configuration process, you perform the following actions:

- Enter identity information.
- Create an email account, that is, configure how to receive email, configure how to send email, and provide a name for the account.
- Select your time zone.
- Import data from other applications.

You can access Help for Evolution from within the Evolution application.

To Start StarOffice

Choose Main Menu → StarOffice 7.

You can also access StarOffice from Main Menu → Applications → Office.

StarOffice contains sample documents and templates to help you create documents. To access these templates and documents, choose File → New → Templates and Documents.

Choose File → AutoPilot to create user-defined templates, for example, for faxes, presentations or web pages that you can use as a basis for further documents.

You can access Help for StarOffice from within each of the following StarOffice applications:

| Category | Application | Description |
|----------|-------------------------------|---------------------------------------|
| Office | StarOffice 7 Presentation | Enables you to create presentations. |
| | StarOffice 7 Spreadsheet | Enables you to create spreadsheets. |
| | StarOffice 7 Text Document | Enables you to create text documents. |

To Open a StarOffice File

To open a file previously created by StarOffice, choose Main Menu → StarOffice 7. From the **Templates and Documents — My Documents** dialog, highlight the folder where the file is located. For example, if your file is located in **My Documents** folder, click on the **My Documents** icon and a list of your folders and files is displayed in the **Title** pane. Locate the file that you want and double-click on the file.

To Start Mozilla

Choose Main Menu → Web Browser.

You can also access Mozilla from Main Menu → Applications → Internet → Web Browser.

You can access Help for Mozilla from within the Mozilla application.

Finding More Information

The following table describes where you can find more information about the Java Desktop System.

| Component | To find more information |
|---------------------|--|
| Java Desktop System | <p>You can find out more about specific Java Desktop System topics in the Help browser. To start the Help browser, choose Main Menu→ Help.</p> <p>PDF and HTML versions of the documentation for the Java Desktop System are available from the following locations:</p> <ul style="list-style-type: none">■ <i>Sun Java Desktop System Release 2 Documentation CD</i>■ http://docs.sun.com |
| GNOME Desktop | <p>You can find out more about specific GNOME Desktop topics in the Help browser. To start the Help browser, choose Main Menu→ Help.</p> <p>PDF and HTML versions of the documentation for the GNOME Desktop are available from the following locations:</p> <ul style="list-style-type: none">■ <i>Sun Java Desktop System Release 2 Documentation CD</i>■ http://docs.sun.com |
| Applets | Right-click on the applet, then choose Help. |
| Applications | Start the application, then choose Help → Contents. Alternatively, start the application then press F1. |
| Evolution | <p>PDF and HTML versions of the documentation for Evolution are available from the following locations:</p> <ul style="list-style-type: none">■ <i>Sun Java Desktop System Release 2 Documentation CD</i>■ http://docs.sun.com |

| Component | To find more information |
|------------------|---|
| StarOffice | Documentation for StarOffice is available from the following locations: <ul style="list-style-type: none">■ <i>Sun Java Desktop System Release 2 Documentation CD</i>■ http://docs.sun.com |
| Mozilla | Mozilla includes extensive online help documentation. |
| Java | Documentation for Java is available from: <ul style="list-style-type: none">■ http://docs.sun.com |
