

GNOME 2.0 Desktop for the Solaris™ Operating Environment



Key feature highlights

- Provides an advanced, intuitive user desktop that enhances the user experience
- Unifies the desktop — runs on the Solaris™ Operating Environment, GNU/Linux, and many other UNIX software-based systems
- Delivers accessible applications and assistive technology solutions that adapt to the needs of users with disabilities
- Provides mainstream productivity applications, utilities, and accessories that increase productivity and efficiency
- Supports key open standards to facilitate interoperability, compatibility, and collaboration in today's highly-networked heterogeneous world
- Delivers an innovative development platform that is network-centric and component-based, making it easy to develop high-performance, distributed, collaborative, and accessible applications
- Preserves existing software investments; GNOME runs virtually all CDE/Motif and Java™ technology-based applications without modification

Taking Desktop Computing to a New Level

Now you can fully exploit the power of the Solaris™ Operating Environment with an easy-to-use, innovative user environment — the GNOME 2.0 Desktop. Its intuitive, appealing interface, plus a wealth of productivity applications and built-in accessibility solutions, takes your computing experience to the next level. The GNOME 2.0 Desktop offers a broad range of features and capabilities designed to enhance usability, productivity, accessibility, and personalization.

The Most Advanced, Intuitive User Desktop for the Solaris Operating Environment

GNOME 2.0 software offers many new and enhanced features to improve the user experience, such as:

- Advanced user personalization, so you can easily customize the desktop to suit the way you work
- Easier interaction and navigation to menus, applications, and information, helping you keep track of tasks
- Increased user productivity, with the ability to run the mainstream applications you need to get your work done
- Features to support users with disabilities
- A flexible desktop environment — Applications based on GNOME, CDE, Motif, and Java™ technology just run
- Availability in many languages

Unified User Environment for UNIX® Platforms

Because the GNOME Desktop is available for a variety of UNIX® and Linux platforms, including the Solaris Operating Environment (OE), corporations can benefit by running the same desktop across a heterogeneous environment. This

uniform approach helps reduce training and support costs by taking advantage of GNOME's intuitive user interface and simplified design. Full support of open standards provides users with transparent file and data interchange. In addition, integrated accessibility support means that people with disabilities can freely use any UNIX platform running the GNOME Desktop.

Accessible Applications and Assistive Technology Solutions for People With Disabilities

People with disabilities will find the GNOME 2.0 Desktop especially easy to use because the desktop includes many features to assist people with disabilities. For example, most of the desktop can be driven from the keyboard without the need for a mouse. There are also high- and low-contrast themes for people with vision problems. Future releases of GNOME are planned to include a screen magnifier, screen reader, and on-screen keyboard.



Standard Desktop Components

The GNOME Standard Desktop provides the windowing interface and workspace environment that lets you interact with the desktop, navigate to menus and applications, and access local or networked information resources.

Major components include the Panel control bar, Workspace Manager, Desktop Preferences, and Nautilus file manager.

- The Panel is a control bar that you can use to launch applications, switch between running applications, and manage multiple workspaces. Active graphical views of workspaces make it easy to select the one you want.
- The Workspace Manager enables you to define multiple virtual workspaces, conveniently group the applications you need for a given task, and quickly get to any task.
- The Desktop Preferences allow easy configuration and personalization of all aspects of the environment, such as background wallpaper, desktop themes, screen savers, and windowing options.
- The unique Nautilus file manager provides a unified view of local and remote files, as well as networked information resources. Its compelling and intuitive interface enables you to easily locate information. With Nautilus, you can:
 - Select multiple zoom levels for displaying varying amounts of information about a file — without actually opening it
 - Customize file views for common information types, for example, icons used for graphics files are thumbnails of the graphics rather than generic

- See at a glance important file attributes, such as access permissions
- Attach graphic emblems to files

GNOME Desktop Accessories and Utilities

A collection of useful applications are provided with the GNOME Desktop, including:

- Terminal tool to provide developers and system administrators direct access to UNIX commands
- Media Player for running video clips and listening to music
- Text Editor for creating and editing text files
- Screen Shooter for capturing screen images
- File Viewer for looking at different types of files
- Image Viewer for displaying many different types of graphics files
- Help System for easy access to GNOME documentation using a Web browser metaphor

GNOME Productivity Applications

A suite of office productivity applications promotes increased productivity and efficiency, helping your business stay competitive. The key applications, available separately, are:

- The StarOffice Productivity Suite, a comprehensive, feature-rich office productivity suite that enables you to easily create, edit, and print word processing documents, spreadsheets, presentations, and personal databases. In addition, it reads and writes Microsoft Office files. The suite includes:
 - StarOffice Writer, a powerful tool for creating professional documents, reports, newsletters, and brochures. It easily integrates images and charts in documents, produces business letters and extensive text documents with professional layouts, and creates and publishes Web content.
 - StarOffice Calc, a sophisticated spreadsheet application with decision-making analysis tools for performing advanced spreadsheet functions and data analysis. It includes charting tools that generate impressive, high-quality 2D and 3D charts.

- StarOffice Impress, a tool for creating effective multimedia presentations. It includes 2D and 3D clip art, special-effects animation, and high-impact drawing tools.
- StarOffice Draw, a tool for creating advanced custom drawings and manipulating photographs.
- Netscape™ software, a powerful package that combines the popular Netscape Navigator™ Web browser with a set of Internet tools you can use to send and receive e-mail, participate in discussion groups, and compose Web pages.
- Evolution (currently in development) an easy-to-use, comprehensive personal information management system that includes mail, calendar, and contact manager functionality. Key components are:
 - Evolution Mail, which enables easy creation, sending, and printing of HTML and compound e-mail messages; provides mail management features such as filing, viewing, and setting priorities based on e-mails received or sent by name or subject; and supports industry-standard protocols such as IMAP and POP3.
 - Evolution Calendar, a sophisticated calendar package for tracking appointments, deadlines, and task lists. It supports group calendar scheduling, interoperates with other iCalendar systems, and synchronizes data with Palm OS-based organizers.
 - Evolution Contact Manager, which helps you maintain lists of people, phone numbers, addresses, and other identifying information. It supports LDAP, and can synchronize data with Palm OS-based organizers.

Bringing You the Many Advantages of Interoperability

To enable easy file interchange and application cooperation, the GNOME Desktop provides significant interoperability capabilities, including the ability to run CDE and Java technology-based applications; drag and drop and copy and paste capabilities between CDE, GNOME, and Java technology-based applications; and interoperability with GNOME applications running on various UNIX platforms.

Support for Key Open Standards

To facilitate interoperability, compatibility, and collaboration in today's highly networked, heterogeneous world, the GNOME Desktop supports:

- XML, DOM
- CORBA
- HTTP, HTML
- MIME
- Unicode
- MPEG, JPEG, AVI, MIDI
- XDnD (drag and drop)
- X11, NFS, TCP/IP

Innovative Platform Simplifies the Development Process and Saves Money

Developers have already discovered how easy it is to create new applications for the GNOME environment. When written using Java technology, applications will just run, unaltered. In addition, programmers can use native GNOME APIs to create high-performance client software, leveraging the GNOME component model to produce reusable software components.

The GNOME Accessibility Framework provides a foundation for writing accessible applications that interface with enabling assistive technologies. GNOME software is very portable at the source level, so it simply needs recompilation to run on various GNOME platforms. And because it is community-based free software and the source code is readily available, the GNOME 2.0 Desktop can help reduce your development budget.

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GNOME Development Libraries and Tools

For developers, GNOME provides a wide range of libraries and tools for programming GNOME-savvy UNIX applications, including:

- GTK+, a C-based user interface toolkit for creating the user interface portions of GNOME applications
- ORBit, a small, fast implementation of a CORBA Object Request Broker (ORB)
- Bonobo, a library for supporting the GNOME component architecture
- GConf, the GNOME network- and component-aware configuration management system
- glib, a utility library for creating and manipulating common data structures
- gdk-pixbuf, an image library for manipulating images in a variety of popular formats
- libgnomeui, a library of GUI-related GNOME code
- libgnome, a library of non-GUI-related GNOME code
- gnome-print, a library of printing routines
- libxml, a library for parsing XML data files
- gnome-vfs, a virtual file system library
- Glade, a user interface builder for GTK+-based applications
- Accessibility Toolkit (ATK) and Assistive Technologies Service Provider Interface (AT-SPI) for simplifying the creation of software for users with disabilities

Multiple Monitor Support

You can configure GNOME to run in Xinerama mode, where multiple monitors behave as a single logical screen, allowing applications to be displayed in a panoramic view. In addition, you can put a separate front Panel on any number of individual screens.

Peripheral Support

GNOME supports SCSI, USB, IEEE-1394, serial, and parallel drivers as well as devices such as removable media, Sun frame buffers, PC cards, smart cards, keyboards, and mice.

Supported Languages

- Traditional Chinese
- English
- German
- Japanese
- Spanish
- Simplified Chinese
- French
- Italian
- Korean
- Swedish

GNOME 2.0 currently supports English only. Within 30-60 days after the English release, we expect to provide modules for the other nine supported languages.

System Requirements

Solaris 9 and 8 Operating Environments (SPARC® and x86 Platform Editions)

128 Mbytes of memory minimum (additional memory recommended)

300 Mbytes of hard disk space

8-bit video frame buffer or better

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For more information

After you try the GNOME 2.0 Desktop, we think you'll agree that it brings out the best in the Solaris Operating Environment. To find out more, please visit www.sun.com/gnome. For additional information about the Solaris platform, please visit www.sun.com/solaris.

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Sun Microsystems, Inc. 4150 Network Circle, Santa Clara, CA 95054 USA Phone 800 786-7638 or +1 512 434-1577 Web sun.com



Sun Worldwide Sales Offices: Africa (North, West and Central) +33-13-067-4680, Argentina +5411-4317-5600, Australia +61-2-9844-5000, Austria +43-1-60563-0, Belgium +32-2-704-8000, Brazil +55-11-5187-2100, Canada +905-477-6745, Chile +56-2-3724500, Colombia +571-629-2323, Commonwealth of Independent States +7-502-935-8411, Czech Republic +420-2-3300-9311, Denmark +45 4556 5000, Egypt +202-570-9442, Estonia +372-6-308-900, Finland +358-9-525-561, France +33-134-03-00-00, Germany +49-89-46008-0, Greece +30-1-618-8111, Hungary +36-1-489-8900, Iceland +354-563-3010, India-Bangalore +91-80-2298989/2295454; New Delhi +91-11-6106000; Mumbai +91-22-697-8111, Ireland +353-1-8055-666, Israel +972-9-9710500, Italy +39-02-641511, Japan +81-3-5717-5000, Kazakhstan +7-3272-466774, Korea +822-2193-5114, Latvia +371-750-3700, Lithuania +370-729-8468, Luxembourg +352-49 11 33 1, Malaysia +603-21161888, Mexico +52-5-258-6100, The Netherlands +00-31-33-45-15-000, New Zealand-Auckland +64-9-976-6800; Wellington +64-4-462-0780, Norway +47 23 36 96 00, People's Republic of China-Beijing +86-10-6803-5588; Chengdu +86-28-619-9333; Guangzhou +86-20-8755-5900; Shanghai +86-21-6466-1228; Hong Kong +852-2202-6688, Poland +48-22-8747800, Portugal +351-21-4134000, Russia +7-502-935-8411, Singapore +65-6438-1888, Slovak Republic +421-2-4342-94-85, South Africa +27 11 256-6300, Spain +34-91-596-9900, Sweden +46-8-631-10-00, Switzerland-German 41-1-908-90-00; French 41-22-999-0444, Taiwan +886-2-8732-9933, Thailand +662-344-6888, Turkey +90-212-335-22-00, United Arab Emirates +9714-3366333, United Kingdom +44 0 1252 420000, United States +1-800-555-9SUN or +1-650-960-1300, Venezuela +58-2-905-3800

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