openSUSE 10.3 GNOME Quick Start

NOVELL® QUICK START CARD

openSUSE®10.3 provides the tools that Linux* users require in their daily activities. It comes with an easy-touse graphical user interface (the GNOME* desktop) that communicates with the underlying Linux system to let you access and manage files, folders, and programs. openSUSE provides an integrated suite of applications for a wide range of office, multimedia, and Internet activities. The OpenOffice.org suite is also included, which allows you to edit and save files in a number of formats. Because the office suite is available for several operating systems, you can use the same data across different computing platforms.

Getting Started

When you start your system, you are usually prompted to enter your username and password. If someone else installed your system, check with your system administrator for your username and password.

After logging in to GNOME for the first time, you see the GNOME desktop, which offers the following basic elements:



Desktop Icons: Access programs and features on your system by double-clicking an icon. Right-click an icon to access additional menus and options. You can add as many icons to your desktop as you want. By default, the desktop features two key icons: your personal Home folder and a

trash can for deleted items. Other icons representing devices on your computer, such as CD drives, might also be present on the desktop. If you double-click your Home folder, the Nautilus file manager starts and displays the contents of your home directory.

Bottom Panel: The desktop includes a panel across the bottom of the screen. This panel contains the Computer menu (similar to the Start menu in Windows*), the system tray, and a taskbar to display icons for all applications currently running. You can also add applications and applets to the panel for easy access.

Main Menu: Click *Computer* on the far left of the bottom panel to open the main menu. Commonly used applications appear in the main menu, along with recently used applications. You can also click *Documents* to display your recent documents, or you can click *Places* to display your favorite places (such as your home directory or the Desktop). Click *More Applications* to access additional applications, listed in categories. Use the options on the right to access Help, install additional software, open the GNOME Control Center, lock your screen, log out of the desktop, or check the status of your hard drive and network connections.

System Tray: The right side of the bottom panel holds some smaller icons, including the system clock that displays the date and time, the volume control, and icons for several other helper applications.

Taskbar: By default, all started applications are displayed in the taskbar (the area in the middle of the panel between the Computer button and the system tray). You can access any started application regardless of the currently active desktop. Click an application name to open it. Right-click an application name to see options for moving, restoring, or minimizing the window.

Desktop Menu: Right-click an empty spot on the desktop to display a menu with various options. Click *Create Folder* to create a new folder. Use *Create Launcher* to create a launcher icon for an application. Provide the name of the application and the command for starting it, then select an icon to represent it. You can also change the desktop background, open a terminal, create a document, and align desktop icons.

Starting Programs

To run a program in openSUSE, click *Computer* on the panel to open the main menu screen. If the program you want is not in the main menu screen, click *More Applications* to view a list of all available applications. Navigate the submenus and click an entry to start the corresponding program.



You can also add an icon to your panel that opens a more traditional version of the main menu. Right-click a blank space on the panel, select *Add to Panel*, then double-click *Traditional Main Menu*.

If you already know the name of an application but are not sure how to start it from the main menu, use the *Search* field in the main menu. Click *Computer*, type a portion of the application name in the Search field, then press Enter. If the application is installed on your system, the name of the application appears in the Desktop Search dialog box. Click the name to start the program.

Customizing Your Desktop

You can easily add, delete, and create shortcut icons on your desktop. You can also change icon properties and the desktop background to suit your needs.

Modifying Desktop Panels

The bottom panel can be customized to meet your individual needs, and additional panels can be configured to further personalize your desktop. To add a new panel, right-click the bottom panel and select *New Panel*. To delete a panel, right-click the panel and select *Delete This Panel*. openSUSE requires that at least one panel be left on the desktop.

Adding and Removing Panel Icons

- 1. Right-click a blank space on the panel and select *Add to Panel*.
- 2. Browse to the desired program and double-click it to add it to the panel.
- 3. To remove a program icon from a panel, right-click the icon and select *Remove From Panel*.

Adding Program Icons to Your Desktop

- 1. Click Computer.
- 2. Browse to the desired program.
- 3. Click and drag the icon to the desktop and position it as desired.

To delete an icon from your desktop, simply click the program icon and press the Delete key on your keyboard.

Changing the Desktop Background

- 1. Right-click the background.
- 2. Select Change Desktop Background.



- 3. To select wallpaper from the preprogrammed images, browse to and select the desired image. After you select it, the background changes automatically.
- 4. To add an image, click *Add*, browse to the desired image, then click *Open*.
- 5. To display a colored background, select *No Wallpaper* at the top of the list; then, from *Colors*, select the fill pattern and the desired colors.
- 6. Click Close.

Using the GNOME Control Center

In addition to letting you change individual desktop elements, GNOME lets you extensively personalize your desktop. You can find more settings to adjust the overall appearance and behavior of your desktop in the GNOME Control Center. There, you can also change fonts, keyboard and mouse configurations, regional and language settings, parameters for your Internet and network usage, and more.

To start the Control Center, click Computer \rightarrow Control Center on the right of the main menu.

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Configuring 3D Desktop Effects

Xgl is an Xserver architecture that lets you turn your desktop into a rotating 3-D cube, tile windows so they don't overlap, and switch tasks while viewing live thumbnails. You can enable translucent or transparent windows, zoom in and out of the desktop screen, and use other window effects such as shadows, fading, and transformations. You can also configure windows to snap to other windows and screen edges when they are moved.



To enable Xgl, you need a graphics adapter capable of providing 3-D support, and you also need the graphics driver that Linux uses to operate the graphics adapter. This driver must be able to handle OpenGL (or 3-D) requests from the Linux kernel. Your screen resolution must be within the 1024x768 to 1920x2000 range, and your color depth must be set at 24-bit. 3-D acceleration must also be enabled. Use SaX2 to change your graphics card and monitor properties if necessary.

- 1. Click *Computer* \rightarrow *Control Center*.
- 2. Click Desktop Effects in the Look and Feel group.

The Desktop Effects tool analyzes your system and tries to determine whether or not you can run Xgl. If it finds

anything wrong, it advises you on what actions you can take. For example, you might be advised to change your screen resolution or color depth, or to activate 3-D acceleration. Follow the on-screen prompts to configure your system for Xgl.

- 3. After your system is configured for Xgl, click *Enable Desktop Effects*.
- 4. Type the root password, then click Continue.
- 5. Log out of your session, then log back in.

The default desktop effects are now enabled. For example, windows are translucent when you move them, they fade away when you close them, and dragging a window to the far right of the screen rotates the desktop cube. To change any of these effects, use the options in the Desktop Effects Setting dialog box.

After your system has been configured for Xgl, you can use the following effects:

- Wrap your virtual desktops around a cube and rotate the cube to get to another virtual desktop. Rotate the cube with Ctrl + Alt + → or Ctrl + Alt + ←.
- Fly through the range of virtual desktops without having to use the pager and select the one to use. To change to this panel-like view, use Ctrl + Alt + ↓. To scroll to a desktop left or right of the current one, keep holding Ctrl + Alt and use → and ←.
- Zoom into certain parts of the desktop. Select the area to enlarge and right-click while holding the Windows key.
- Show all windows opened on one virtual desktop as if they were resized so all fit in the display at once. Arrange the windows using Ctrl + Alt + ↑. While holding down Ctrl + Alt, use the arrow keys to determine the focus.
- Create virtual raindrops on your desktop and use a virtual windshield wiper to get rid of them. Toggle the raindrops with Shift + F9 and toggle the windshield wiper with Shift + F8.

Managing Files and Folders with Nautilus

Use the Nautilus File Manager to create and view folders and documents, run scripts, and create CDs of your data. Open Nautilus by double-clicking your Home directory icon on the desktop. The contents of your home directory are displayed.



The elements of the Nautilus window include the following:

Menu: Lets you perform most tasks.

Toolbar: Lets you quickly navigate among files and folders, and provides access to files and folders.

Location Bar: Lets you locate files, folders, and URI sites.

Side Pane: Lets you navigate or display information about the selected file or folder. Use the drop-down list to customize what is shown in the pane. The list includes ways to view information about files, perform actions on files, add emblems to files, view a history of recently visited sites, and display your files in the Tree system.

View Pane: Displays folders and files. Use the options on the *View* menu to increase or decrease the size of content in the view pane and to display items as a list or as icons.

Status Bar: Displays the number of items in a folder and gives the available free space. When a file is selected, the status bar displays the filename and size.

Archiving Folders

If you have files you haven't used recently but want to keep on your computer, you can compress the files into a tape archive (TAR) format.

1. In the Nautilus view pane, right-click the folder you want to archive, then click *Create Archive*.

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	Archive: Documents .tar.g	z 🗘
	Location: File System	0

- 2. Accept the default archive filename or provide a new name.
- 3. Select a file extension from the drop-down list. Use tar .gz for the most common archive form.
- 4. Specify a location for the archive file, then click *Create*.

To extract an archived file, right-click the file and select *Extract Here*.

Using Bookmarks

Use the Nautilus Bookmarks feature to mark your favorite folders.

- 1. Select the folder or item you want to create a bookmark for.
- 2. Click *Bookmarks* \rightarrow *Add Bookmark*. The bookmark is added to the list, with the folder name as the bookmark name. When you bookmark a file, it is the folder that is actually bookmarked.
- 3. To select an item from your Bookmarks list, click *Bookmarks*, then click the desired bookmark in the list.

You can also organize your Bookmarks list by clicking Bookmarks \rightarrow Edit Bookmarks and making your selections in the dialog box.

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To change the order of your bookmarks, click a bookmark and drag it to the desired location.

Browsing the Internet with Firefox

Firefox* is fast becoming the Web browser of choice. It has all the familiarity of other browsers, plus added features such as security and privacy tools.

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To start Firefox, click Computer \rightarrow Firefox Web Browser.

With features like tabbed browsing, pop-up window blocking, and download and image management, Firefox combines the latest Web technologies. Its easy access to different search engines helps you find the information you need. Enter a URL in the location bar to start browsing.

To open an empty tab in Firefox, press Ctrl + T and type a new URL. To open a link in a new tab, click the link with your middle mouse button. Right-click a tab to access more tab options. You can create a new tab, reload one or all existing tabs, or close a single tab or all tabs. You can also change the sequence of the tabs by dragging and dropping them to a new position.

Finding Information on the Web

- To start a search on the Web with the Google* engine, type your search keywords in the integrated search box
 Google
 On the right of the location bar, then press Enter. The results display in the window.
- 2. To use a different search engine, click the G icon in the search box to open a list of other search engines.
- 3. Click the desired engine, then press Enter to start the search.

You can also search the current Web page for keywords. To do so, press Ctrl + F to open a Find bar at the bottom of the window. Enter your search keyword there and use the buttons to the right of the box to search in different directions or to select all hits in the text.

Downloading Files from the Web

If you download a file with Firefox, the Firefox Download Manager starts and saves this file to the folder configured in Firefox Preferences. By default, your desktop is the destination folder for downloaded files. Firefox shows your finished downloads in the *Downloads* window.



You can open the downloaded files directly from the Downloads window or from the destination folder. To clean up the history of downloaded files, click *Clean Up*.

Configuring Firefox Preferences

To adjust the default download folder or to activate or modify the pop-up blocking feature, click $Edit \rightarrow Preferences$.

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From here you can also configure numerous other settings such as appearance, language, privacy, and tab options. Click the icons and set the options on each page according to your preferences. Click *Close* to apply the changes.

E-Mailing and Calendaring

For reading and managing your mail and events, openSUSE offers you Novell[®] Evolution[™], a groupware program that makes it easy to store, organize, and retrieve your personal information.

Evolution seamlessly combines e-mail, a calendar, an address book, and a task list in one easy-to-use application. With its extensive support for communications and data interchange standards, Evolution can work with existing corporate networks and applications, including Microsoft* Exchange.



To start Evolution, click Computer \rightarrow More Applications \rightarrow Office \rightarrow Evolution Mail and Calendar.

The first time you start it, Evolution prompts you with a few questions as it sets up a mail account and helps you import mail from your old mail client. Then it shows you how many new messages you have and lists upcoming appointments and tasks, as well as the current weather and news from news feeds. The calendar, address book, and mail tools are available in the shortcut bar on the left.

Press Ctrl + N to open a new item for whatever part of Evolution you're working in. In mail, this creates a new message. If you're in the address book, Ctrl + N creates a new contact card, and in the calendar, Ctrl + N creates a new appointment.

For more information on using Evolution, click $Help \rightarrow Contents$ in any Evolution window.

Instant Messaging with Pidgin

Pidgin (formerly called Gaim) is a multiprotocol instant messaging (IM) client for Linux, BSD, Mac OS* X, and Windows. It is compatible with AOL* Instant Messenger (AIM), Bonjour, Gadu-Gadu, Google Talk, GroupWise® Messenger, ICQ, IRC, MSN Messenger, QC, SILC, SIMPLE, Jabber/XMPP, Yahoo!*, and Zephyr* networks.

With Pidgin, you can log in to multiple accounts on multiple IM networks simultaneously. Pidgin also supports many features of the various networks, such as file transfer, away messages, and typing notification.

To start Pidgin, click Computer \rightarrow More Applications \rightarrow Communicate \rightarrow Pidgin Instant Messenger.

When starting Pidgin for the first time, a configuration wizard appears that helps you create your user profile. Click *Add*, select the protocol you want, then type your screen name, password, and alias in the appropriate fields. Click *Save* to complete the configuration of the messenger account.

Add contacts by clicking *Buddies* \rightarrow *Add Buddy*. An assistant appears to help with creation. However, you must be online and connected to the selected messaging service to add a contact to your list.

To start a chat, click the desired contact and type your message in the lower part of the chatting window. Press Enter to send the message. The upper part of the window displays the messages you have sent and received.

Starting OpenOffice.org

The OpenOffice.org office suite offers a complete set of office tools, including word processing, spreadsheet, presentation, vector drawing, and database components. Because OpenOffice.org is available for a number of operating systems, you can use the same data across different computing platforms.

To start OpenOffice.org, click Computer \rightarrow OpenOffice.org Writer. To create a new document, click File \rightarrow New, then choose the type of document you want to create. To open an existing document, click Open, then select the file you want from the file system.

Viewing PDF Files

Documents that need to be shared or printed across platforms can be saved as PDF (Portable Document Format) files, for example, in the OpenOffice.org suite. openSUSE ships with several PDF viewers, such as Evince and Adobe* Acrobat* Reader.

- 1. Click Computer \rightarrow More Applications \rightarrow Office.
- 2. Select Acrobat Reader or Evince.
- 3. To view a PDF file, click $File \rightarrow Open$, locate the desired PDF file, then click *Open*.



4. Use the navigation icons at the top of the window to navigate through the document. If your PDF document provides bookmarks, you can access them in the left panel of the viewer.

Finding Files on Your Computer

To locate files on your computer, click *Computer*, enter your search terms in the *Search* field, then press Enter. The results are displayed in the Desktop Search dialog box.

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beagle.odt 1 page		
Showing all 6 matches		.al

You can use the results lists to open a file, forward it via email, or display it in the file manager. Simply right-click an item in the results list and select the option you want. The options available for an item depend on the type of file it is. Clicking a file in the list displays a preview of the file and information such as the title, path, and date the file was last modified or accessed.

Use the *Search* menu to limit your search to files in a specific location, such as your address book or Web pages, or to display only a specific type of file in your results list. The *Sort* menu lets you sort the items in your results list according to name, relevance, or the date the file was last modified.

You can also access Desktop Search by clicking Computer \rightarrow More Applications \rightarrow System \rightarrow Search.

Creating a CD or DVD

If your system has a CD or DVD read/write drive, you can use the Nautilus file manager to burn CDs and DVDs.

- 1. Click Computer \rightarrow More Applications \rightarrow Multimedia \rightarrow GNOME CD/DVD Creator, or insert a blank disc and click Make Data CD/DVD or Make Audio CD/DVD.
- 2. Copy the files you want to put on the CD or DVD into the Nautilus *CD/DVD Creator* window.

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4 items				

- 3. Click *Write to Disc*.
- 4. Modify information in the Write to Disc dialog box or accept the defaults, then click *Write*.

The files are burned to the disc. This could take a few minutes, depending on the amount of data being burned and the speed of your burner.

You can also use the Banshee music player to burn audio and MP3 CDs.

Managing Your Digital Image Collection

F-Spot is a management tool for your collection of digital images tailored for the GNOME desktop. It allows you to assign different tags to your images in order to categorize them and offers various image editing options. For example, you can remove red-eye, crop, and adjust brightness and colors. F-Spot supports sixteen common file types, including JPEG, GIF, TIFF, and RAW.

You can import photos from your hard drive, your digital camera, or your iPod. You can also use F-Spot to create photo CDs, generate a Website gallery, or export your photos to your Flickr, 23, Picasa Web, or SmugMug account.

To access F-Spot, click *Computer* \rightarrow *F-Spot Photo Browser*. The first time you run F-Spot, you must tell it where to find the images you want to import into your collection. If you already have a collection of images stored on your hard drive, enter the path to the respective directory and optionally include subfolders. F-Spot imports these images into its database.



Thumbnails of your images are displayed in the right part of the window, and detailed information for a selected image is displayed in a sidebar to the left. By default, your photos are displayed in reverse-chronological order, so your newest photos are always at the top. You can sort your photos in chronological order or reverse-alphabetical order by clicking *View* \rightarrow *Reverse Order*.

A menu bar at the top of the window allows you to access the main menus. A toolbar below offers several different functions depicted by a matching icon.

Managing Your Music Collection

Use Banshee to import CDs, sync your music collection to an iPod* or other digital audio player, play music directly from an iPod (or other digital audio player), create playlists with songs from your library, create audio and MP3 CDs from subsets of your library, and subscribe to, download, and listen to your favorite podcasts. Banshee also supports streaming audio through its Internet Radio plug-in.

To open Banshee, click *Computer* \rightarrow *Banshee Music Player*.

The first time you open Banshee, click *OK* to accept the license agreement. You are then prompted to import music. Choose an import source, such as a local folder, local file, or your home directory, then click *Import Music Source*. After successfully importing your music, your library is displayed.

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		4	Various	Bizet / Carmen Overture Classical Treasure	s 25 2	:20	
		5	Various	Schubert / Serenade Classical Treasure	s 25 3	:14	
		6	Various	Schubert / Marche Militaire Classical Treasure	s 25 1	:41	
		7	Various	J. Strauss / Radetsky Ma Classical Treasure	s 25 2	:18	
		8	Various	Chopin / Nocturne Classical Treasure	s 25 2	:07	
		9	Various	Debussy / Claire de Lune Classical Treasure	s 25 1	:43	
		10	Various	Schubert / Unfinished S Classical Treasure	s 25 2	:03	
		11	Various	Mendelssohn / Violin Con Classical Treasure	s 25 1	:34	
		12	Various	Tchaikovsky / Waltz Of Fl Classical Treasure	s 25 2	:04	
		13	Various	Liszt / Hungarian Rhapsody Classical Treasure	s 25 2	:01	
		14	Various	Verdi / Dance Of The Prie Classical Treasure	s 25 1	:30	
		15	Various	Strauss / Voices of Spring Classical Treasure	s 25 1	:18	
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To play a song, simply select the song in the library and click the Play button (\blacktriangleright). You can also use the buttons in the upper left corner ($\blacksquare \triangleright \blacksquare$) to pause a song or play the next or previous song. Use \blacksquare to adjust the volume.

Banshee also has an integrated CD player. When you insert a music CD, your CD title appears in the left panel. Select the title and click the *Play* button to play your full CD.

To create audio and MP3 CDs, select the songs you want, then click the *Write CD* button in the upper-right side of Banshee.

Configuring Your System with YaST

Use the YaST Control Center to change the installation and configuration of your whole system. Administrator (or root) permission is required to open YaST.

To open YaST, click Computer \rightarrow More Applications \rightarrow System \rightarrow YaST, then enter the root password. If you do not know the root password, ask your system administrator.

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YaST contains various modules you can use to adjust your system settings. These modules are divided into the following categories:

Hardware: Contains modules for configuring hardware components such as your monitor, keyboard, mouse, printer, and scanner.

Miscellaneous: The YaST Control Center has several modules that cannot easily be classified into the first six module groups. The modules in this category can be used for things such as viewing log files and installing drivers from a vendor CD.

Network Devices: Includes modules for configuring network devices such as network cards, ISDN, DSL, or modem.

Network Services: Contains modules for network services and for configuring clients such as LDAP and NFS.

AppArmor: Use the modules of this category to configure the Novell AppArmorTM access control system. This option is available only if the *Novell AppArmor* pattern is installed.

Security and Users: Use these modules to configure security details such as firewall options, and to create and manage users and groups.

Software: Use the modules of this category to set options for installation and updates, and to install or remove software packages.

System: Use these modules to change system settings such as the date, time, or language, and to perform tasks such as backing up or restoring files.

Managing Printers

Printers can either be connected to your system locally or accessed over a network. To use a local printer, make sure

that it is connected to your machine. Shut down the system before connecting a non-USB printer to your system.

You can configure printers with YaST. Start YaST, then click $Hardware \rightarrow Printer$ to open the main printer configuration window. Depending on the network environment or your local printer model, YaST might be able to configure the printer automatically. If autodetection of printing devices fails, click Add in the Printer Configuration dialog box to start the manual configuration workflow. Follow the instructions in the YaST online help. If you are not sure which option to choose and which information to enter, ask your system administrator.

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Queue Name - Device Model Default Queue	
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and Edit Delete	Quer +
€ Help	Abort Back Finish

After configuring a printing device correctly, you can address it from any application.

You can also use the GNOME Control Center to monitor and manage your print jobs. Click *Computer* \rightarrow *Control Center* \rightarrow *Hardware* \rightarrow *Printers*.

Logging Out

When you are finished using the computer, you can log out and leave the system running, or restart or shut down the computer.

Logging Out or Switching Users

Click Computer \rightarrow Logout, then select one of the following options:

Log out: Logs you out of the current session and returns you to the Login screen.

Switch User: Suspends your session, allowing another user to log in and use the computer.

Restarting or Shutting Down the Computer

Click Computer \rightarrow Shutdown, then select one of the following options:

Shutdown: Logs you out of the current session, then turns off the computer.

Restart: Logs you out of the current session, then restarts the computer.

Sleep: Puts your computer in a temporary state that conserves power. The state of your session is preserved,

however, including all applications you have running and all documents you have open.

Hibernate: Suspends your session, using no power until the computer is restarted. The state of your session is preserved, however, including all applications you have running and all documents you have open.

For More Information

This guide provides a short introduction to the GNOME desktop and some key applications running on it. For more information, see the *GNOME User Guide* and the other manuals available for openSUSE at http://www.novell .com/documentation/opensuse103 or in your installed system under /usr/share/doc/manual.

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