



GNOME

ten years of freedom

2007

*or How to Build
a Deck of Slides
out of Tens of Images
done by Everyone But You!*

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Ontario Linux Fest, Toronto, 13 Oct 2007

based on slides by

Erik Snoeijs



The GNOME Desktop project.

- *From:* Miguel de Icaza <miguel nuclecu unam mx>
 - *To:* gtk-list redhat com, kde fiwi02 wiwi uni-tuebingen de, guile cygnus com
 - *Subject:* The GNOME Desktop project.
 - *Date:* Fri, 15 Aug 1997 22:19:34 -0500
-

The GNOME Desktop project
(GNU Network Object Model Environment)
<http://bananoid.nuclecu.unam.mx/gnome>



* Goals

We want to develop a free and complete set of user friendly applications and desktop tools, similar to CDE and KDE but based entirely on free software:

- We want the applications to have a common look and feel, and to share as many visual elements and UI concepts as possible.
- We want to use the GTK toolkit as our toolkit for writing the applications.

The GTK toolkit (<http://www.cs.umn.edu/~amundson/gtk> and <http://levien.com/~slow/gtk/>) is the toolkit written by Peter Mattis, Spencer Kimball, Josh MacDonald, for the GNU Image Manipulation Program (GIMP) project (<http://scam.xcf.berkeley.edu/~gimp>).

- We want to encourage people to contribute code and to test the code, so that the software will compile out of the box by using GNU's tools for automatic source configuration.
- We plan to export the GTK API through a procedural database (which will in fact be an object database) to allow easy integration with scripting languages and modules written in other languages.
- We plan to use GTK/Scheme bindings for coding small utilities and applications. When these bindings are more mature, it should be possible to write complete applications in Scheme.



* Some common questions regarding the project

Why don't you just use/contribute to KDE?

KDE is a nice project; they have good hackers working on it and they have done a very good job. Unfortunately, they selected the non-free Qt toolkit as the foundation for the project, which poses legal problems for those desiring to redistribute the software.

Why not write a free Qt replacement instead?

The KDE project -in its current form- has about 89,000 lines of code, on the other hand, the source code for the Qt library has about 91,000 lines.

Qt also forces the programmer to write his code in C++ or Python. Gtk can be used in C, Scheme, Python, C++, Objective-C and Perl.

Also, we believe that KDE has some design problems (they have lots of good ideas though) that we plan to fix.



Under what license does the GNOME fall?

As most GNU software, GNOME application code will be released under the GNU GPL. GNOME specific libraries will be released under the terms of the GNU LGPL.

Will you rewrite everything from scratch?

No. We will try to reuse the existing code for GNU programs as much as possible, while adhering to the guidelines of the project. Putting nice and consistent user interfaces over all-time favorites will be one of the projects.

We plan on reusing code from KDE as well.

 **GNU Network Object Model Environment**

- **Free**
- **Easy to use**



Jonathan Blandford's calendar

File Edit Settings Help

Run Profile Leaks Save

Control Center

File Help

- Default Editor
- Desktop
 - Background
 - Screensaver
 - Theme Selector
 - Window Manager
- Mime Types
- Multimedia
 - Keyboard Bell
 - Sound
- Panel
- Peripherals
 - CD Properties
 - Keyboard
 - Mouse
 - PalmPilot
 - Conduits
 - Backup conduit
 - Email conduit
 - File conduit
 - Pilot Link

Screen Saver

Screen Saver Demo

Spiral
Sproingies
Stairs
Starfish
Strange
Superquadrics
Swirl

Starfish Settings...

Screen Saver Settings

Start After 20 Minutes.

Require Password

Priority: Low Normal

Use power management.

Shutdown monitor 10 minutes after screen saver has started.

Try Revert OK Cancel Help

Configure the settings of the screensaver.

MemProf

File Settings Help

Run Profile Leaks Save

of Allocations:6931 Bytes / Allocation:53.44 Total

Function	Self
ConnectToPeer	60
CreateDatabase	0
ExpandQuarkTable	2080
IceAddConnectionWatch	16
IceAllocScratch	144
IceAuthFileName	24
IceOpenConnection	2160

Children

Function	
IceTransConnect	44
IceTransOpenCOTSCClient	65

Callers

Function	
IceOpenConnection	169

Format a floppy

Formatting /dev/fd0

File system type: Linux Native (ext2)

Floppy Density: High Density 3.5" (1.44 Ms)

Quick format

Format progress.

Formatting the disk...

Cancel

The GIMP

File Xtns

Allegro

06 01:53
normal trk-e
Albinoni, Tomaso (1671 - 1758)
Concerti a cinque op. 9 / CD 2
Allegro

GNumeric: Book1

File Edit View Insert Format Tools

Helvetica 12 B I

7Lx1C =B4+B3

	A	B	C	D	E	F
1						
2		1				
3		1				
4		2				
5		3				
6		5				
7		8				
8		13				
9		21				
10		34				
11		55				
12						
13						
14						
15						
16						
17						

Sheet1 Sum=139

Programs

- Applications
 - Applications
 - Development
 - gEdit
 - Calendar
 - Address Book
 - GHex
 - Time tracking tool
 - gnotepad+
 - Gnumeric spreadsheet
 - Emacs
 - Netscape
 - Glade
 - GnomePGP
 - PDF file viewer
 - Games
 - Graphics
 - Internet
 - Multimedia
 - System
 - Settings
 - Utilities
 - File Manager
 - Help system
 - Run program...
 - Home
 - Favorites (empty)
 - AnotherLevel menus
 - KDE menus
 - Panel
 - About GNOME...
 - Lock screen
 - Log out

Home direct

Jonathan Blandford's calendar

File Edit Settings Help

Day View Week View Month View Year View

Fri Dec 31 1999

18:00
18:30
19:00
19:30
20:00
20:30
21:00 Party like it's 1999
21:30
22:00
22:30
23:00
23:30

December 1999

Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29	30	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	
2	3	4	5	6	7	8

To-do list

Summary

Add... Edit... Delete

Propagant

audio

downloads

PATCHE

Floppy 0

me-red.png-0.0 (RGB) 600!

src
testelade

Alle... jrb@... jrb@... jrb@... jrb@... Gnu... Jona...
The... appl... /hom... Me... Cont... For... For...

06:27 PM Wed Dec 08



Helix Code / Ximian

1999

- Support
- Usability oriented
- Automatic update system
- Making money





Programs System Help 05:43:33 PM

bratsche's Home grue homepage

Advogato Diary helixcode 31 bytes

Trash ldp 30 bytes

Bug Report Tool Mozilla

Developers Guide to XRENDER mp3 14 items

Dialup Configuration The GIMP

Eazel Services

Evolution

fd0 0 items

gnome 27 bytes

GNOME terminal

Components - Evolution 0.10.99

File Edit View Actions Tools Help

Send / Receive Compose Reply Reply to All Forward

Components

Folders local

Search Body or subject contains

From	Subject	Date
Dietmar Maurer <diem...	Re: bonobo-conf questions	Today 9:29 AM
	questions	Today 9:20 AM
	questions	Today 8:58 AM
	questions	Today 8:52 AM
	questions	Today 2:37 AM
	questions	Yesterday 4:27 PM
	questions	Yesterday 2:12 PM
	itions	Yesterday 1:31 PM

bratsche

File Edit View Go Bookmarks Preferences Help

Back Forward Up Refresh Home Find Web Search Stop

Location: /home/bratsche View as Icons

bratsche folder, 104 items today at 5:16:08 PM

calculus.dvi 49.3 K

canvas-text.png 10.4 K

cave 2 items

CIM.abw 4.4 K

code 41 items

composition with violin.jpg 32.8 K

css 2 items

CVS 6 items

ddd-3.3-html-manual.tar.gz 4.9 MB

ddd-3.3-pics.tar.gz 501.1 K

ddd-3.3.tar.gz 5.5 MB

decore50src.zip 138.6 K

Desktop Documents dvd einstein-violin.jpg

```

ludwig-instrument-list.c      ludwig-zoom-control.h"
ludwig-instrument-list.h      ludwig-zoom-control.o
ludwig-instrument-list.o      main.c
ludwig-instrument.o           main.c"
ludwig-interface-prefs-dialog.c main.o
ludwig-interface-prefs-dialog.c" Makefile
ludwig-interface-prefs-dialog.h Makefile.am
ludwig-interface-prefs-dialog.h" Makefile.in
ludwig-interface-prefs-dialog.o test-ttf
ludwig-string.c               test-ttf.c
ludwig-string.h               test-ttf.o
ludwig-string.o               widgets
ludwig-tool.c
[bratsche@grue src]$

```

```

f1
modules="$modules $check_module"

dnl =====
dnl Check for libxml
dnl =====
check_module="libxml-2.0"
[bratsche@grue harlan]$ ls
ABOUT-NLS      config.guess      INSTALL          missing          widgets
acconfig.h      config.h           install-sh       mkinstalldirs   xml-118n-extract
aclocal.m4      config.h.in       intl            po               xml-118n-extract.in
AUTHORS         config.log         libtool         README           xml-118n-merge
autogen.sh      config.status     ltmain.sh       src              xml-118n-merge.in
BUGS            config.sub        macros          stamp-h          xml-118n-update
ChangeLog       configure         Makefile        stamp-h.in      xml-118n-update.in
components      configure.in      Makefile.am     TODO
config.cache    COPYING           Makefile.in
[bratsche@grue harlan]$

```



GNOME Foundation

2001

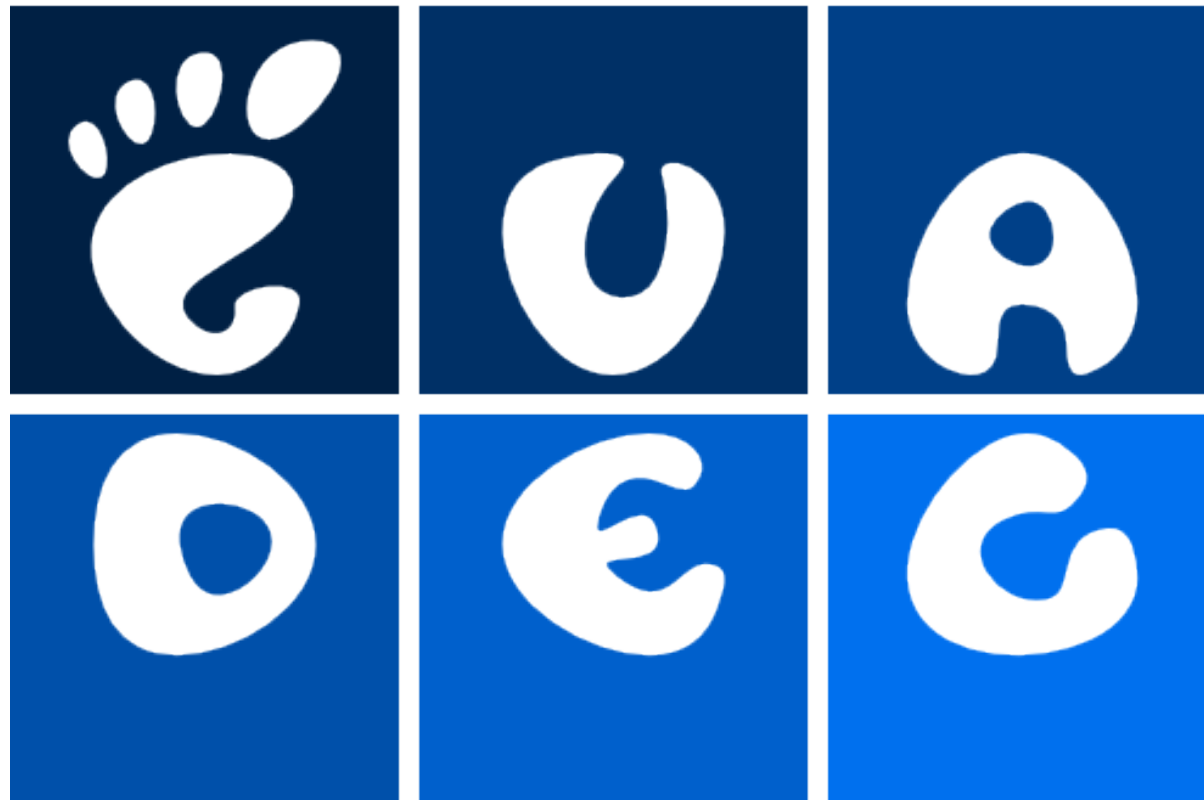
- Membership
- Advisory Board
- Board of Directors
- Release team / ...



GUADEC

2001

**GNOME
Users and Developers
European Conference**





GNOME 2

June 26, 2002

- i18n and a11y
- Human Interface Guidelines 2.0
- Evolution
- Nautilus
- Time-based releases





testar's Home

Start Here

Trash

Performance

100%
cpu

Start Here

File Edit View Go Bookmarks Help

Back Forward Up Stop Reload Home

Location: start-here: View as Icons

Start Here
folder, 4 items
today at 7:29:44 PM

Applications Desktop Preferences
Server Settings System Settings

Untitled 1 (modified) - gedit

File Edit View Search Documents Help

New Open Save Close Print Undo Redo Cut Copy

Untitled 1*

```
Hello, Gnome2 world!
```

Ln 1, Col. 21 INS

testar

File Edit View Go Bookmarks Help

Back Forward Up Stop Reload Home

Location: /Home/guests/testar View as Icons

testar
folder, 21 items
today at 7:35:36 PM

AdobeFnt.lst 21.5 K Mail --
New Folder -- PUTTY.RND 600 bytes
Sent 1.0 K Trash 501 bytes
dead.letter 418 bytes foo.reg 2.3 K

Run Program

gnome-panel-preferences

Run in terminal Append File...

Known Applications

- Panel
- Performance Meter

Modify the global panel preferences

Help Cancel Run

System Details

File Edit View Help

Category	Your System
Host Name:	hoth.cs.umu.se
Platform Type:	SUNW,Ultra-5_10;sparc;sun4u
Internet (IP) Address:	130.239.40.145
Host ID:	80a7ef79
Network Domain:	springfield
Internet Domain:	springfield
Physical Memory:	256
Virtual Memory (Swap):	695
Virtual Memory in Use:	19%
Operating System:	SunOS
Operating System Version:	Generic
Operating System Release:	5.9
X11 Version:	6.6.1
System Status:	3 users, load average: 0.73 0.59 0.47
System Last Booted:	Wednesday, June 26, 2002 19:20:48
User Name:	testar
X Display Name:	:0.0



Summary - Ximian Evolution

File View Actions Tools Help

New Send / Receive Print Reload

Shortcuts

- Inbox
- Calendar
- Tasks

Summary

Tuesday, July 29 2003

My Weather

Boston:
Few clouds 75.2 F

Linux Today

- ZDNet: SCO Execs Cash In On Suit [Spotlight](#)
- CNET News: Lindows Unveils DVD Application

Mail summary

Appointments

No appointments.

Tasks



Buddy List

Buddies Tools Help

Andere contactpersonen (1/16)

«ThÆß»
Busy

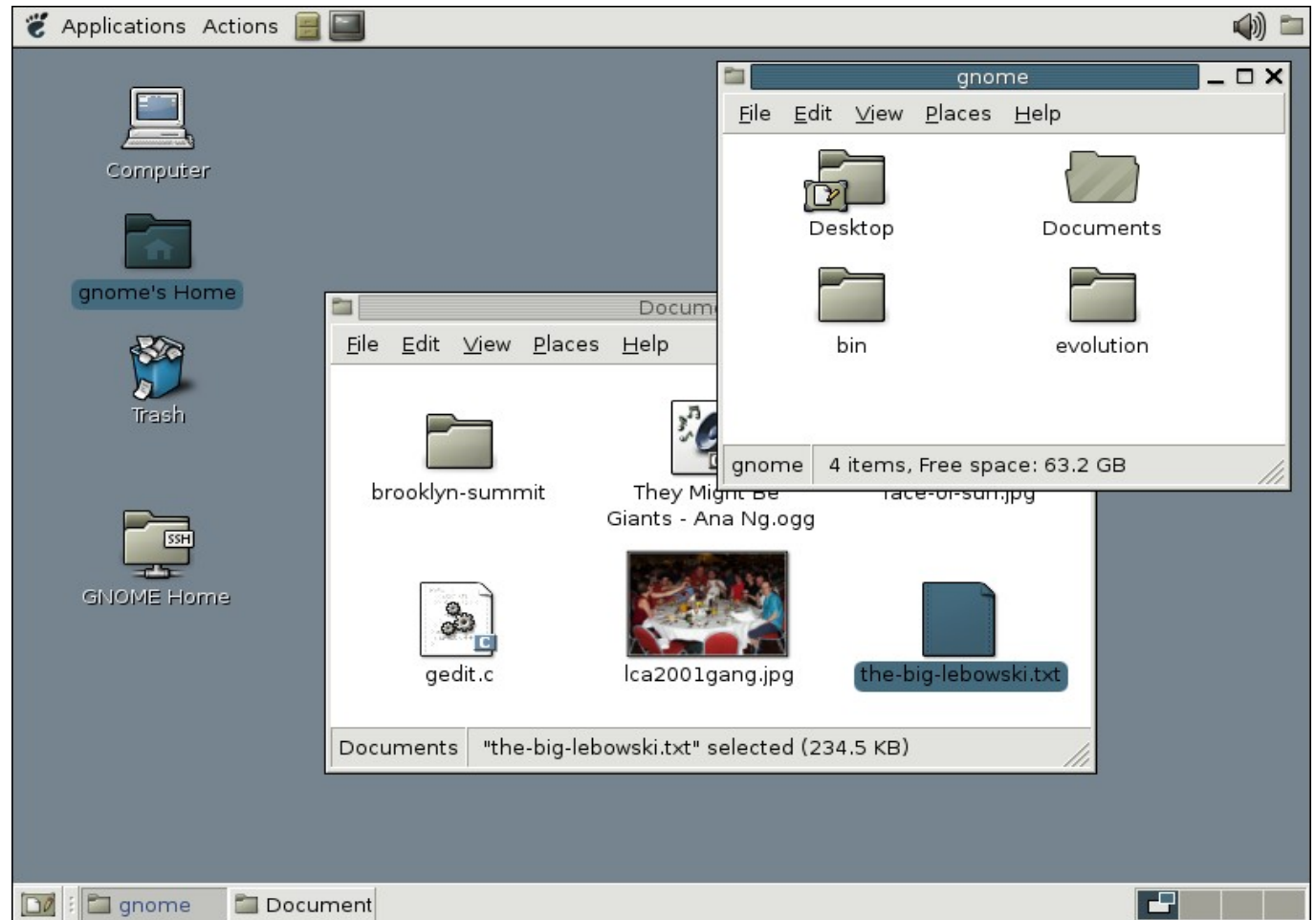
IM Get Info Chat Away



GNOME 2.6

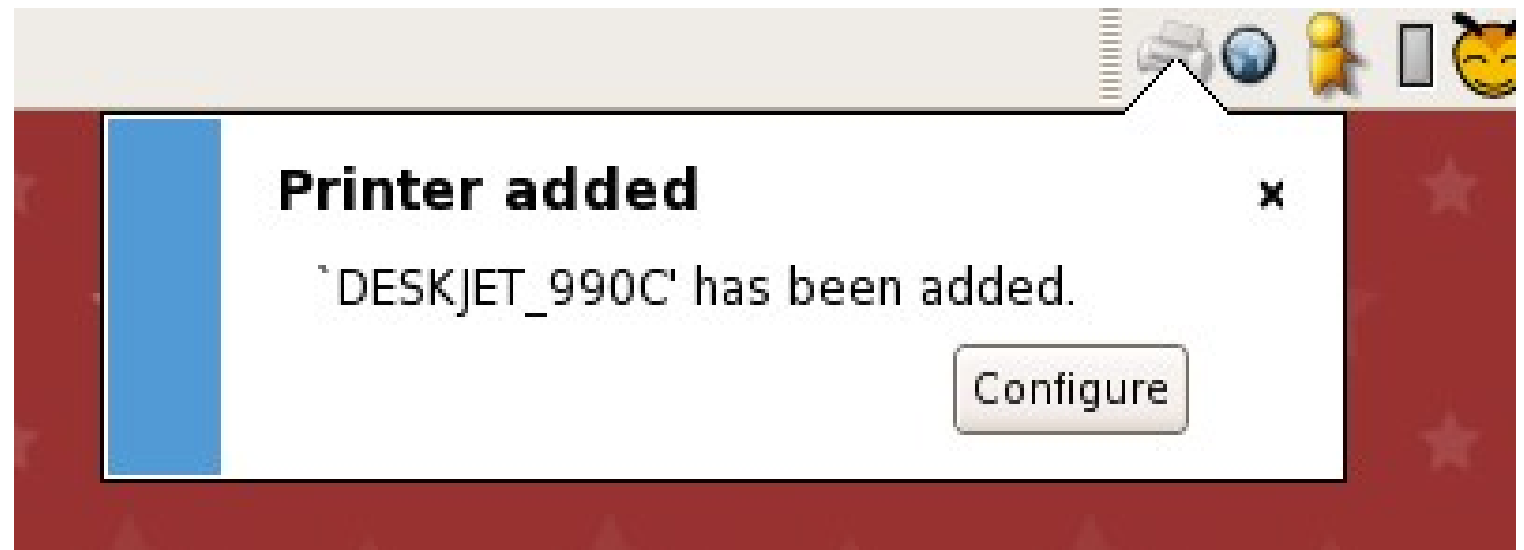
March 31, 2004

Not everything went well...





Hardware that “Just Works”





GNOME 2.8

September 15, 2004



Tue Sep 14, 11:13

September 2004

	Sun	Mon	Tue	Wed	Thu	Fri	Sat
36	29	30	31	1	2	3	4
37	5	6	7	8	9	10	11
38	12	13	14	15	16	17	18
39	19	20	21	22	23	24	25
40	26	27	28	29	30	1	2
41	3	4	5	6	7	8	9

Tasks

- 0% release GNOME
- 70% do screenshots

Appointments

- All Day GNOME 2.8.0 Final Release

Remote Desktop Preferences

Sharing

- Allow other users to view your desktop
- Allow other users to control your desktop


Users can view your desktop using this command:
`vncviewer pingu.madeley.id.au:0`

Security

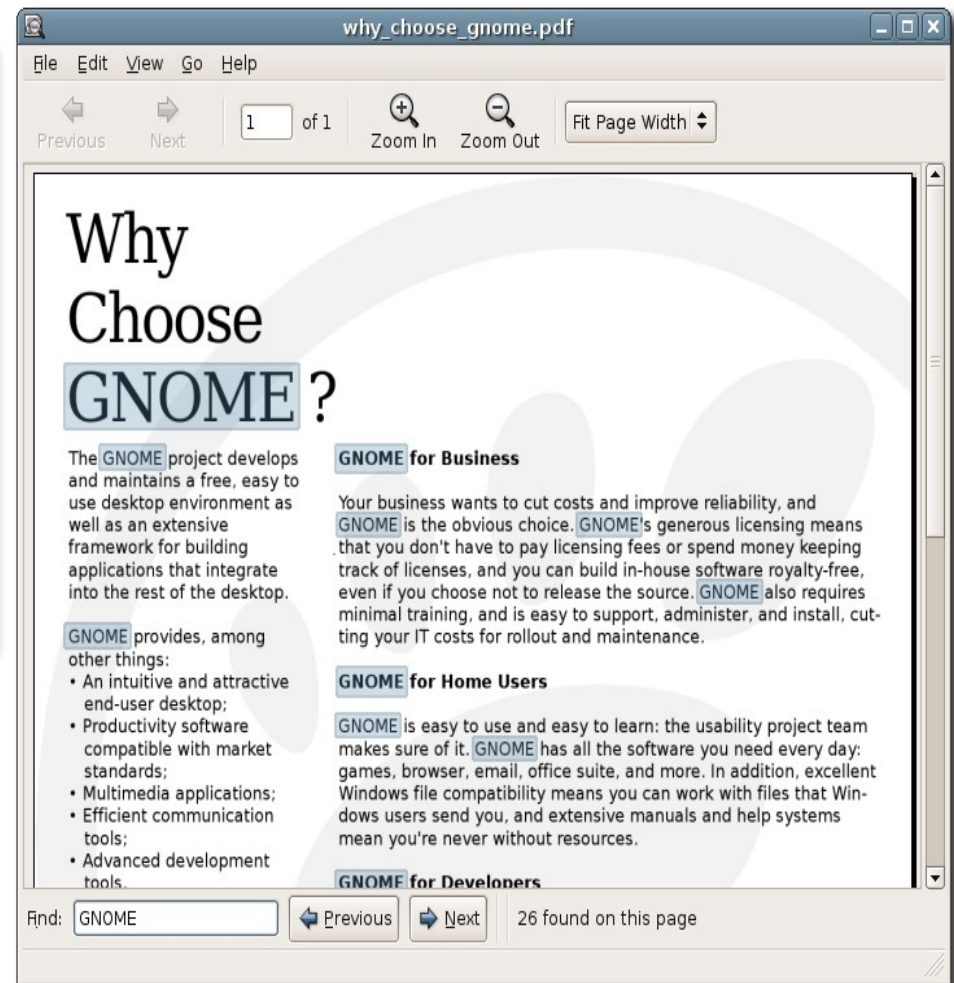
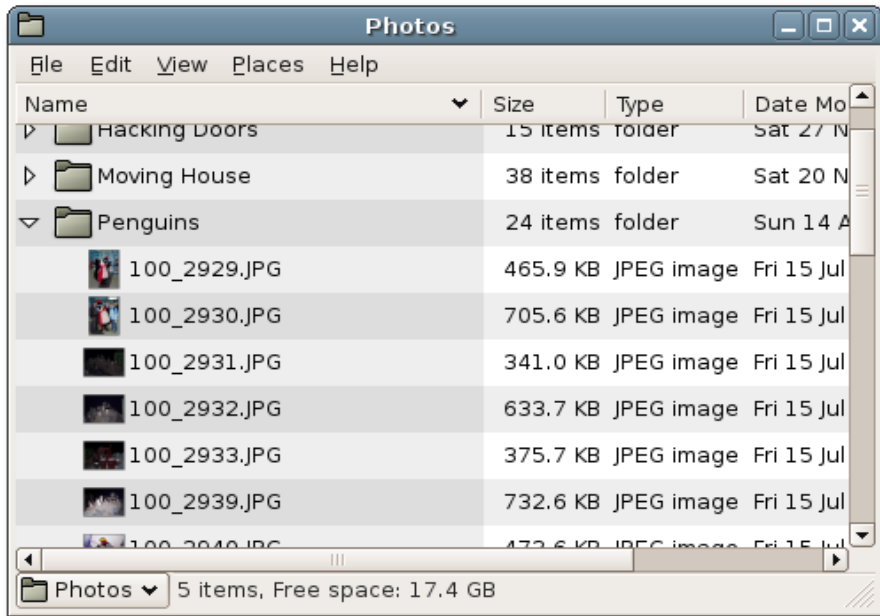
When a user tries to view or control your desktop:

- Ask you for confirmation
- Require the user to enter this password:

Password:

 Help  Close

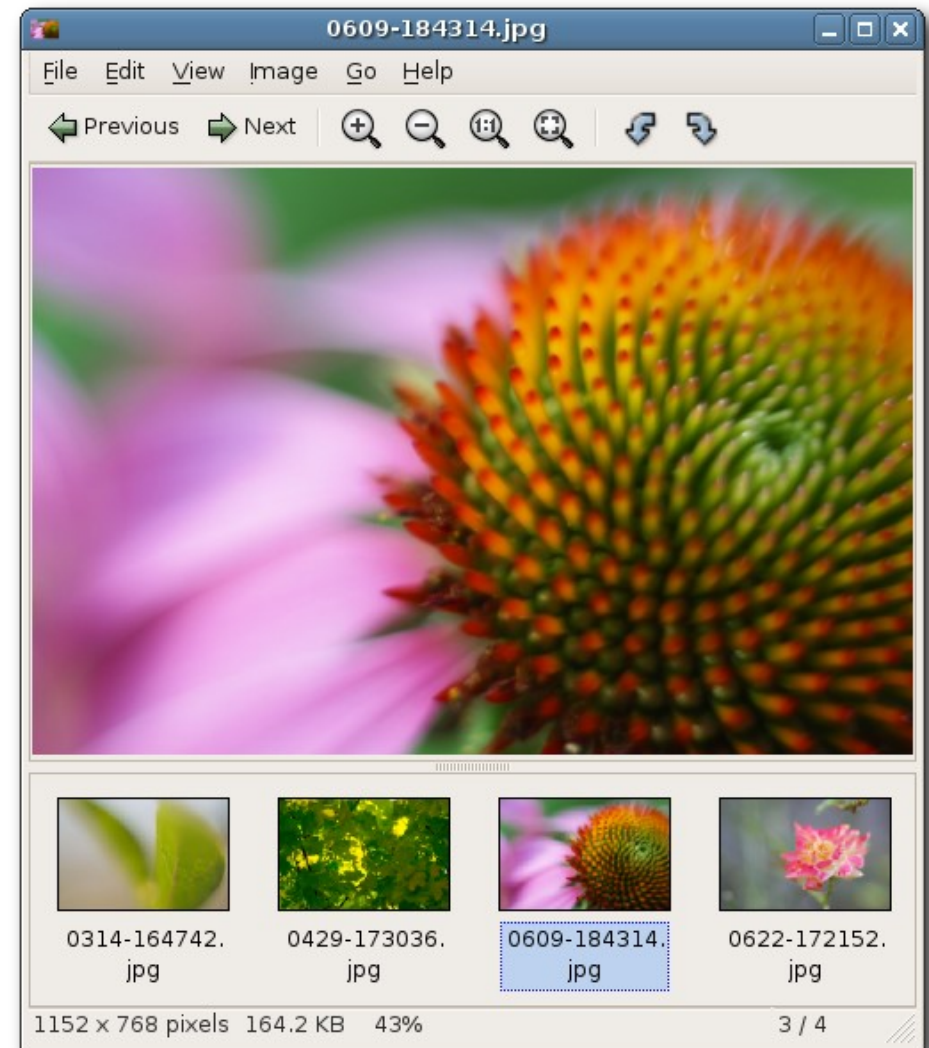
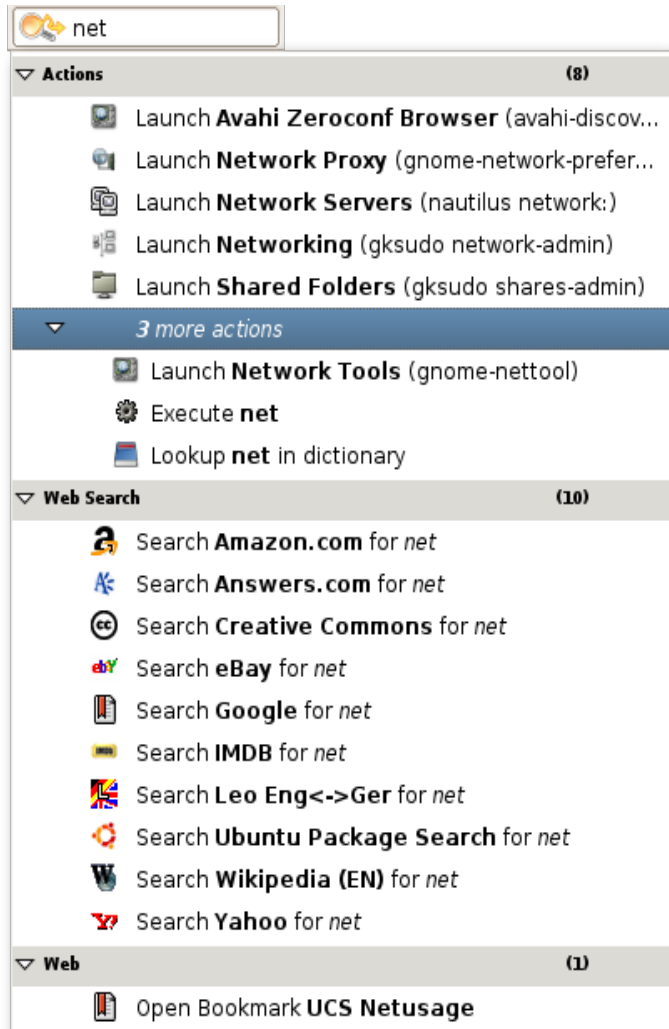
10x10





GNOME 2.14

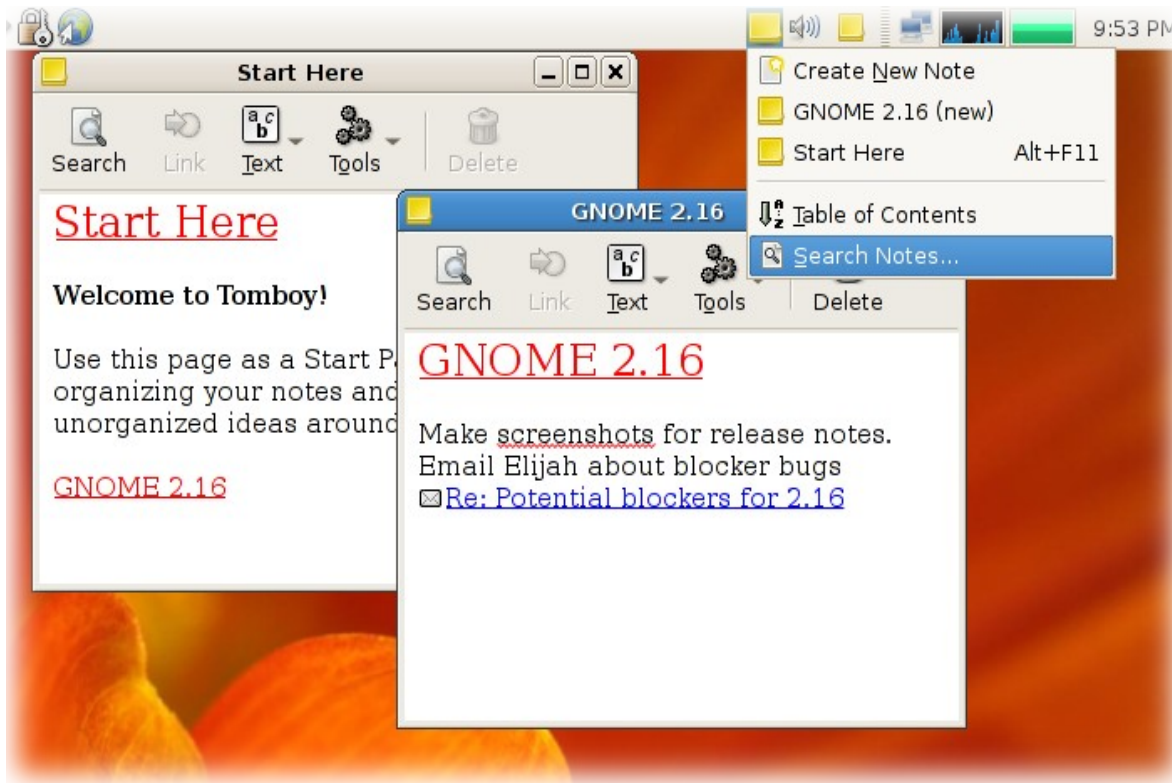
March 21, 2006





GNOME 2.16

September 06, 2006





OpenUsability

tango!

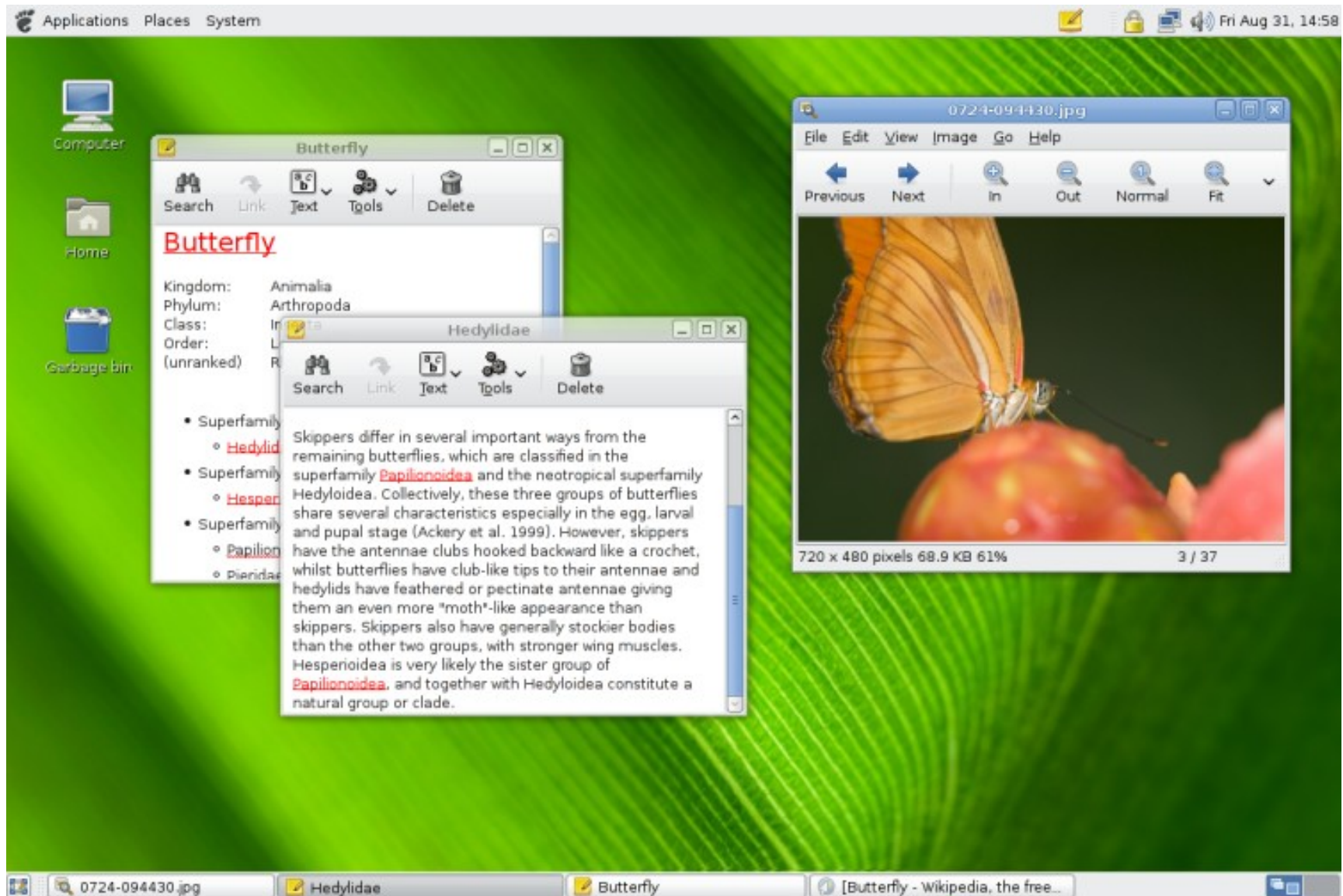


Better
Desktop 

 GNOME Mobile

March 2007







Screenshot!

File Edit View Insert Format Security

Send Save Draft Attach Undo Redo Cut Copy Paste

From: Andrea Cimitan <andrea.cimitan@gmail.com> Signature: None

To: gnome-2.20@gnome.org

Subject: Screenshot!

+0 Normal TT a @ a a

Hi Gnome World!
I've just attached a new screenshot of gnome 2.20 :)

- Andrea Cimitan

Show Attachment Bar

Attachment Reminder

 **Message has no attachments**

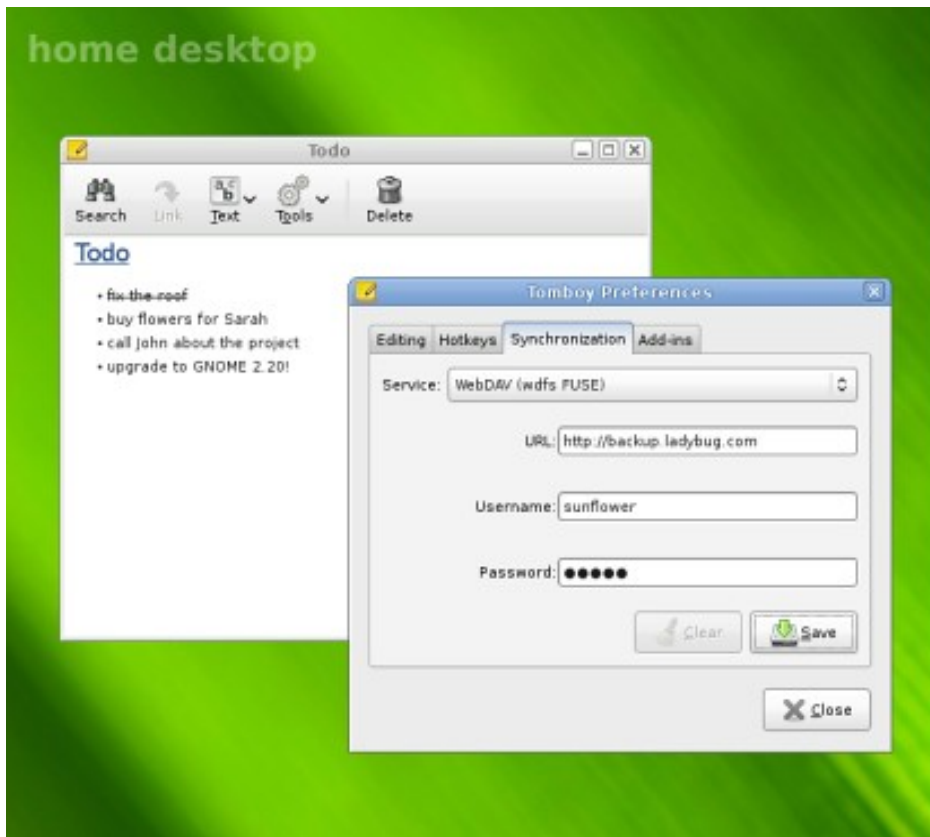
Evolution has found some keywords that suggest that this message should contain an attachment, but cannot find one.

Do not show this message again.

Continue Editing Send



home desktop



Todo

- fix the roof
- buy flowers for Sarah
- call John about the project
- upgrade to GNOME 2.20!

Tomboy Preferences

Editing Hotkeys Synchronization Add-ins

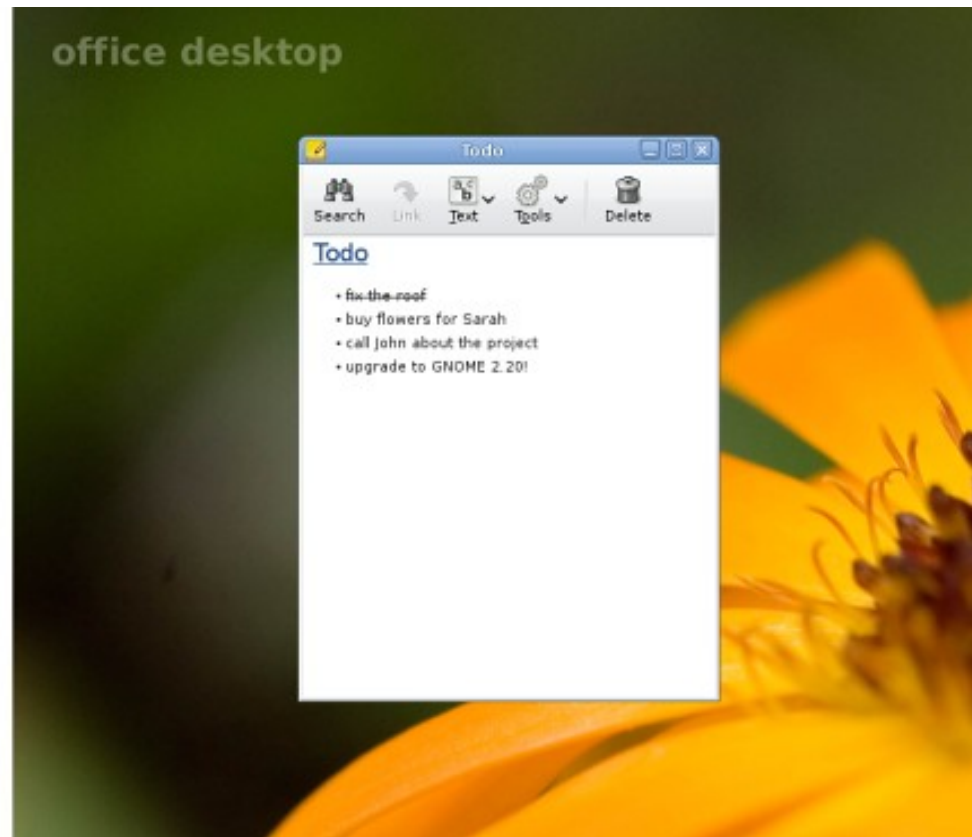
Service: WebDAV (wdfs FUSE)

URL:

Username:

Password:

office desktop



Todo


- fix the roof
- buy flowers for Sarah
- call John about the project
- upgrade to GNOME 2.20!



Standaardtoepassingen

Internet Multimedia Systeem **Toegankelijkheid**


Visueel

 Orca

Activeren bij aanmelden


Opdracht: orca


Mobiliteit

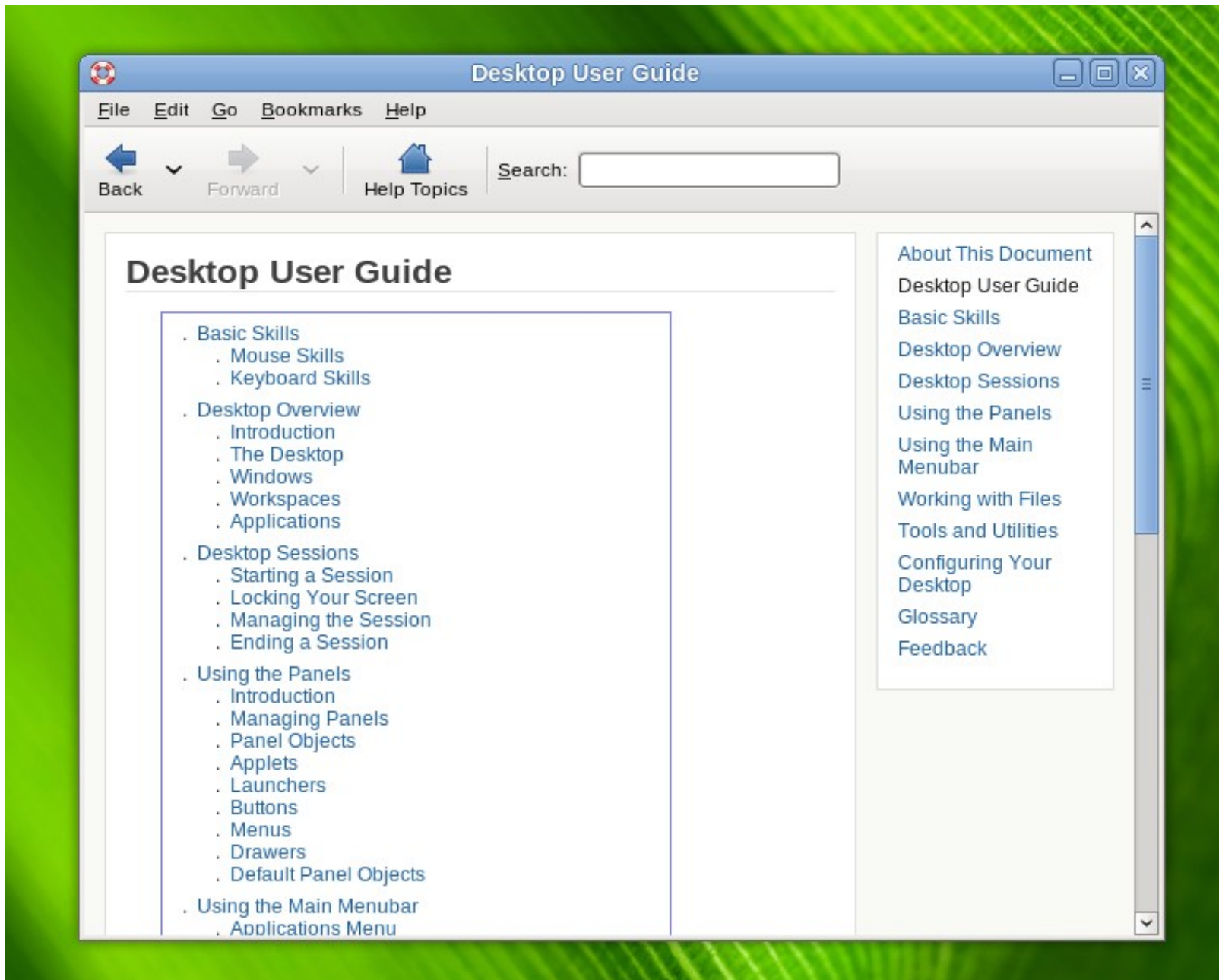
 Dasher

Activeren bij aanmelden

Opdracht: dasher

 Hulp

 Sluiten



The screenshot shows a window titled "Desktop User Guide" with a menu bar (File, Edit, Go, Bookmarks, Help) and navigation buttons (Back, Forward, Help Topics) and a search box. The main content area displays a table of contents for the "Desktop User Guide".

Desktop User Guide

- . Basic Skills
 - . Mouse Skills
 - . Keyboard Skills
- . Desktop Overview
 - . Introduction
 - . The Desktop
 - . Windows
 - . Workspaces
 - . Applications
- . Desktop Sessions
 - . Starting a Session
 - . Locking Your Screen
 - . Managing the Session
 - . Ending a Session
- . Using the Panels
 - . Introduction
 - . Managing Panels
 - . Panel Objects
 - . Applets
 - . Launchers
 - . Buttons
 - . Menus
 - . Drawers
 - . Default Panel Objects
- . Using the Main Menubar
 - . Applications Menu

On the right side, a sidebar contains a list of links:

- About This Document
- Desktop User Guide
- Basic Skills
- Desktop Overview
- Desktop Sessions
- Using the Panels
- Using the Main Menubar
- Working with Files
- Tools and Utilities
- Configuring Your Desktop
- Glossary
- Feedback



Evolution - صندوق الداخل (1 إجمالياً)

ملف جزر اعرض المجلد رسالة ابحت يساعد

جديد | أرسل / تلقى | رد | رد على الجميع | مرر | اطبع | احذف | نفاية | ليس نفاية

صندوق الد... 1 إجمالياً

أظهر: كل الرسائل | ابحت: الموضوع أو المرسل يحد | في المجلد الحالي

التاريخ | الموضوع | من

The Evolution Team ... Welcome to Evolution! مار 14 1:00 م

على هذا الحاسوب

صندوق الداخل

أربيل

المهملات

صندوق

مسودات

نفاية

مجلدات البحث

غير مطا

البريد

المراسلون

التذكيرات

التقويمات

المهام

أذهب | http://wiki.arabeyes.org/%D8%AC%D9%86%D9%88%D9%85

أصغر | علامات المواقع | التاريخ | الرئيسية | أعد التحميل

جنوم - ويكي عربي

أذهب

دخول

عA

حكايات

بحث Search

أحدث التغييرات Recent Changes

ترجمة Translation

جنوم

جنوم هي بيئة رسومية لنظام التشغيل جنو/لينكس (أو أنظمة *نكس الأخرى). وهي واحدة من الواجهتين الأكثر استخداماً، وربما الأكثر شيوعاً بيئة رسومية افتراضية على توزيعات لينكس، لذلك فإن تعريبها ذو أهمية شديدة. العربية من أكثر اللغات استخداماً و لكننا للأسف- كثيراً ما نكون متأخرين عن بقية فرق ترجمة جنوم، وذلك بالطبع نتيجة

This page is in English under GNOME

هذا المقال ذو



GNOME 3 – project topaz

?????

- Explore simpler, more intuitive UI concepts
- Get away from the rectangle model
- Constraints imposed by new devices in form factors and limited input devices





GUADEC 2007 (Birmingham, UK)

**GNOME
Online
Desktop
(GOD)**