## GNOME 3

### **Frédéric Péters** Jeudi du libre 6 janvier 2011 — Bruxelles





## Some history From birth to GNOME 2.32







### **The GNOME Desktop Project**

From: Miguel de Icaza <miguel@nuclecu.unam.mx>
To: gtk-list@redhat.com, kde@fiwi02.wiwi.unituebingen.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:

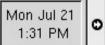
## **1998** 0.x, 1.x. By programmers, for programmers



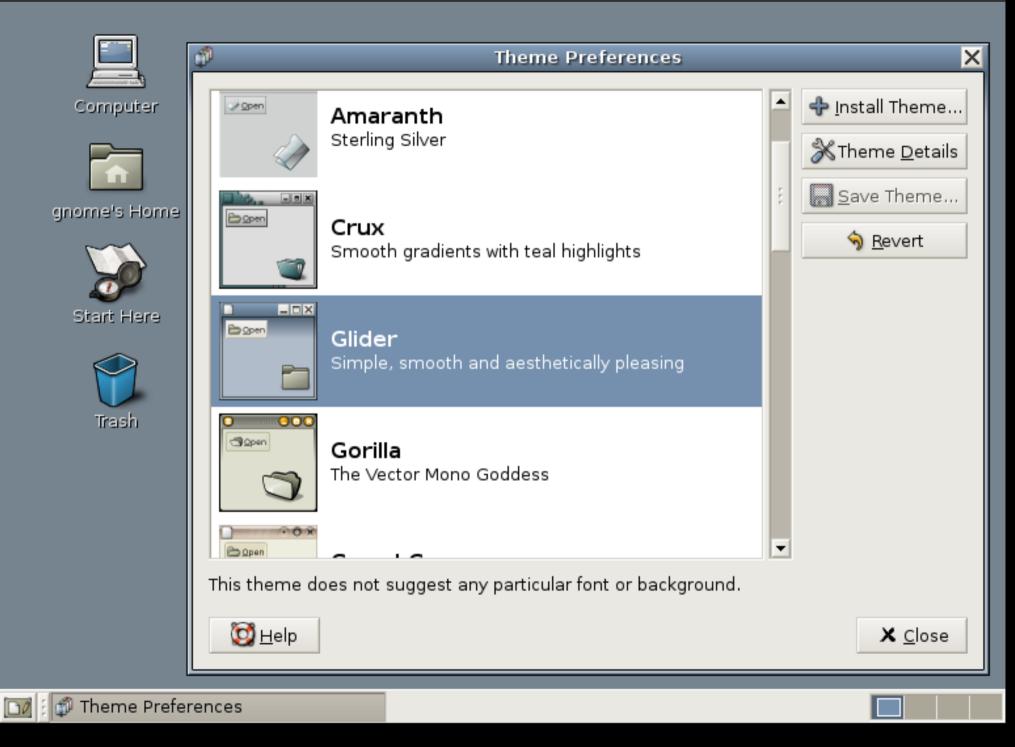








## **2002** 2.0. Made usable for everybody

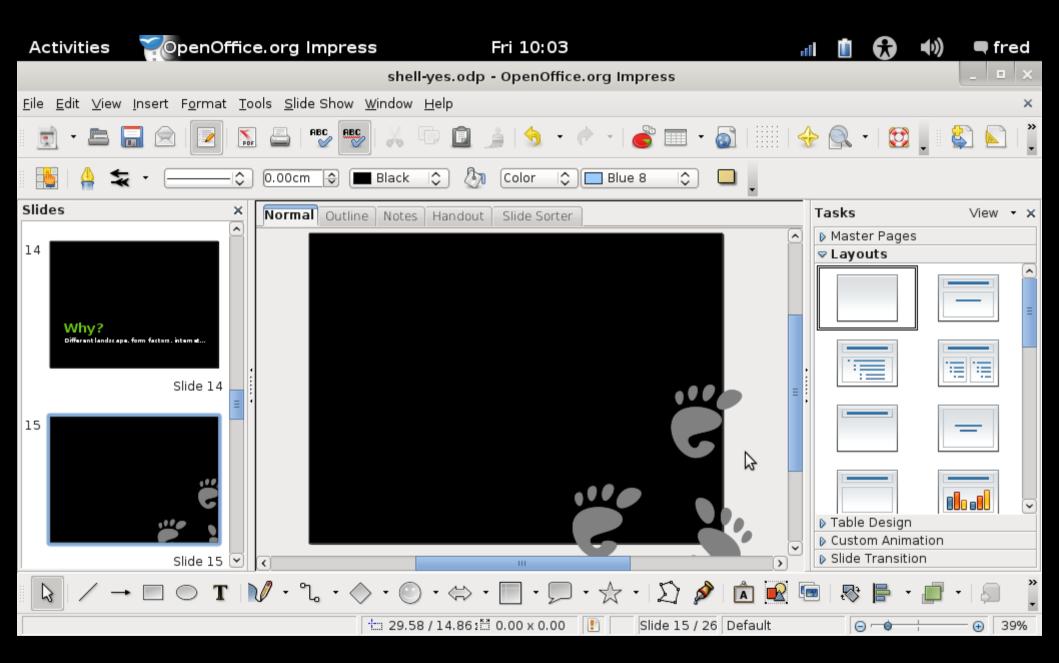


# 2010 2.32. Still usable by everybody :)



## **GNOME 3** Designed for everybody

## Why? Different landscape, form factors, internet...



## Not so sudden

Stagnation, Boston Summit 2008

#### Activities

#### 

#### Applications



Firefox Web Browser Browse the World Wide Web



**Evolution Mail** Read and write email



Text Editor

### Empathy Instant Messe...

Send and receive instant



Movie Player Play movies and songs

More...

#### **Recent Documents**



UME Guide







Aigo MID Running RF\_2 Mid Videos



Earth Horizon

More...

					led1 - OpenOffic	e.org care	_	_	_		
e <u>E</u> dit	View In	sert F <u>o</u> rmat	<u>T</u> ools <u>D</u> ata	<u>W</u> indow <u>H</u> elp							×
<u>ē</u> ·	🔒 🗄				> X C	🖻 • 🏄	49 · (*)	- 🔊 🍃	z xia 🌀	° 🗹 🕺	»
5	Arial		¥ 10	• A A				00, <b>5</b> 0 %		•	
1		- fw	$\Sigma = \Box$								-
	A	В	C	D	E	F	G	Н	1	J	
2											
-											
5											
7				-							-
)											
0											
1											
2											
3						Charles and					
4							-				
5											
5											
B											
9											
0											
1											
2											
3											
4											
5											
6		Sheet2 / Shee	t3/							>	





Activities 토 Terminal		Sat 1:03 P		ih, 🧕	# <b>= </b>	Marina	
Find	م						
	More			mazik@mazik:~/gnome-shell/source File Edit View Terminal Help [mazik@mazik ~]\$ cd gnome-shell/source/gnome-she		_	
Firefox Terminal	XChat IRC Text Edi	XChatzmania @ GimpNet / #gnome-shell (+tn)           XDat View Server Settings Window Help           comes           * Decided (I           * Clandw yam (rlandw)           * Distributed (Altimated > 25-500 bradiest.actions ru) researce #promostett           * Distributed (Altimated > 26-500 bradiest.actions ru) researce #promostett           * Olithead (Altimated > 26-500 bradiest.actions ru) researce #promostett           * Olithead (Altimated > 26-500 bradiest.actions ru) researce #promostett           * Olithead (Altimated > 26-500 bradiest.actions ru) researce #promostett           * Olithead (Altimated > 26-500 bradiest.actions ru) russes           * Distributed (Altimated > 26-500 bradiest.actions rule = 100 bradiest.actions russes)           * Olithead (Altimated > 26-500 bradiest.actions rule = 100 bradiest.actions russes)           * Olithead (Altimated > 26-500 bradiest.actions)           * Agenter           * Olithead > 26-500 bradiest.actions)           * Agenter > 26-500 bradiest.actions)		[mazik@mazik po]\$ ls ar.gmo en_GB.gmo gnome-shell.pot Makefile.in ar.po en_GB.po hu.gmo Makefile.in. ca.gmo es.gmo hu.po nb.gmo ca.po es.po it.gmo nb.po cs.gmo fr.gmo it.po nl.gmo cs.po fr.po ko.gmo nl.po da.gmo ga.gmo ko.po pa.gmo	POTFILES in POTFILES.in POTFILES.ski pT_BR.gmo pt_BR.po rU.gmo	sl.po stamp-it sv.gmo o sv.po tr.gmo tr.po zh_CN.gmo	4
PLACES	Documents	<ul> <li>A promo-</li></ul>	arhali Arri Isqtisterum Instsche CBr-4 Cosmoc	da.gmo ga.gmo ko.po pa.gmo da.po ga.po LINGUAS pa.po de.gmo gl.gmo LINGUAS~ pl.gmo de.po gl.po Makefile pl.po [mazik@mazik.po]\$ []	ru.po ru.po~ sl.gmo	zh_CN.po	=
🔯 Desktop	🛅 Music	<ul> <li>mittplc tasks of splatmarky</li> <li>morphysic and (anti-splatmarky)</li> <li>morphysic and (anti-splatmark)</li> <li>putter (anti-splatmark)</li> <li>putter (anti-splatmark)</li> <li>continue (anti-splatmark)</li> <li>CL4-splate * Debutter (anti-splatmark)</li> <li>CL4-splate * Debutter (anti-splatmark)</li> </ul>	dare Deubeuliou				
喧 Network	ictures	* Lowded tog from Set Oct 10 12:45:12 2009	drage01 chassi				
🌏 Connect to	🗖 Videos	Meer balking on dyname-stell					
RECENT DOCUMEN	TS More	Mockups					
LINGUAS	applcon.js	File Edit View Terminal Tabs Help	E EIC Fie	e Edit View History Delicious Bookmarks Tools Help	efox		-  u  X
_	docDisplay.js	mazik@mazik:-/gnome-shellsource/gnome-shell 🕺 mazik@mazik:-/gnome-shellsource/gnome-shell 🕺 mazik@mazik:-/gnome-shell		n 🔶 👻 😳 🥔 🛃 📷 🛐 📸 🖹 Klassive.grame.org/Shoneshel Gmai - hitose) 36 [=4/917 Walanas — 16 📽 Planet. SHONE : 34 [\$\$ GNOVE Shall 36 [\$\$ (Pash the Bal)	H 🔥 Problem loads H 🕅 Ø Dos	े 🗸 🚮 🖉 Google Lan2009 30 🕷 enomest	
gnome-shell		Authon: Marana Zhurakhunskaya «maranaz@reshat.com» Date: Fri Oct 9 18:19:05 2009 - 0400		(Hene )	Heats Prejects /	irt Sapport Developmen	d Conversity
0001-Add-Ru		Add Russian translation Reaved on the initial translation from Sargey V. Resyloy and additional		live.gnome.org			AT the ATest
_	dash.js	feedback from Andrey Korzinev.			•		User
	anel.js	connelle suffitised (fusion capa/2xiestrates transfillar/orfs Autor: Marine Zhurankiunskay, emacinezifiedhet.com- bate: Fri oct 9 18:0032 4009 -0400		The GVOME Shall redstrong uses interactions with the GNOME dockion. In particular, it 1, 00	rtenta Acriev		4anut electron
	genericDispl	Add places is to POITLES in		affers new peradigms for launching applications, accessing documents, and organizing 2, 01 open windows in GKONE. Later, if will infoduce a new applets acc-system and offer new 3, 03 solutions for other ceresting features, such as notifications and contacts management. The 4, 03	iment Status itting Involved ilding		Page
	appDisplay.js	places is was missing. Represent thes alphabetically.		GNOME Shell is intended to replace functions handled by the GNOME Panel and by the window manager in previous versions of GNOME. The GNOME Shell has rich visual effects	Inning - Running gnome-shell replacin - Running gnome-shell rested	the panel	tel. Misterte
shell-uri-util.c		commit wb208ad592ad672a502f285026329e89f22dd0 Author Collar Weiters wwitersPerfund one	-	The preview of GNDMI Shell 2.26 was released on Dctober 7, 2009 and most detributions should have the preview packages. If you are interedied in saving the tablet GNDMI Shell relations time the repeations on developing GKDM Shell, here are the instructions for the dating are			Add Unix achmenta
shell-status		Use: In ort a 14-bits bottom of the second s		streight forward. The plan for GNDMI Shell is to be the devicep for GNDMI 3.0. From a technology point of view, the shell acts as a composition manager for the devices, and dea	laws both application windows	and other GNDME	World Wide
es.po	gnome-shell	Cluitestrang calls destroy, and east of S1 was just not ling upparent. This caused protective because the DSTMOV saged was not exited for dially diseases after destroying a forefacet, Aday, in a G-d		There is a constant point or mer, the first become account on parameters in the second of a composition of the second second point of the second second point of the second second constant of the second second composition of the second second composition of the second second composition of the second second second composition of the second seco	nd GNOME platform libraries va well builds off of code from Met compositing, though the expect	ation is that	
	shortcuts-Al	Some St widgets simply didn't have dispose at all; implement it.		Current Status			
📄 shell-global.c	shortcuts-Al	Note because of the usage of the background_image in StButton, we can't clearly destroy it insise the StMidget.		Screencests: A series of GNOME Shell screencests is here. A built in feature that allows cesity ma described here.	king screencasts within the GN	CME Shell is	
📄 it.po	🔤 shortcuts-ad	https://bugailla.gnone.org/show_bog.cg.21d=397045		Screenshots: Screenshots			3
📄 cheat-sheet 🕴	shortcuts-ad	comit #27/27914fc/79417291112/4ee404/585babbaab44 [res21808e218_gnome-shell]\$		Features: An overview of the nument GKONE Shell features and design principles is here.			
		방법은 양성 수 있는 것 같은 것 같은 것 같은 것이 것 같은 것이 있는 것 같은 것 같은 것이 같은 것 같은 것이 같은 것 같은 것이 없다.	CAN AN CONTRACT		CONSCRETE.		A LOW LOW

## **GNOME 3 is not just GNOME Shell** But it's the first visible change

### Demo I am sure it will work

## **GNOME 3 is not just GNOME Shell** Let's move to other things

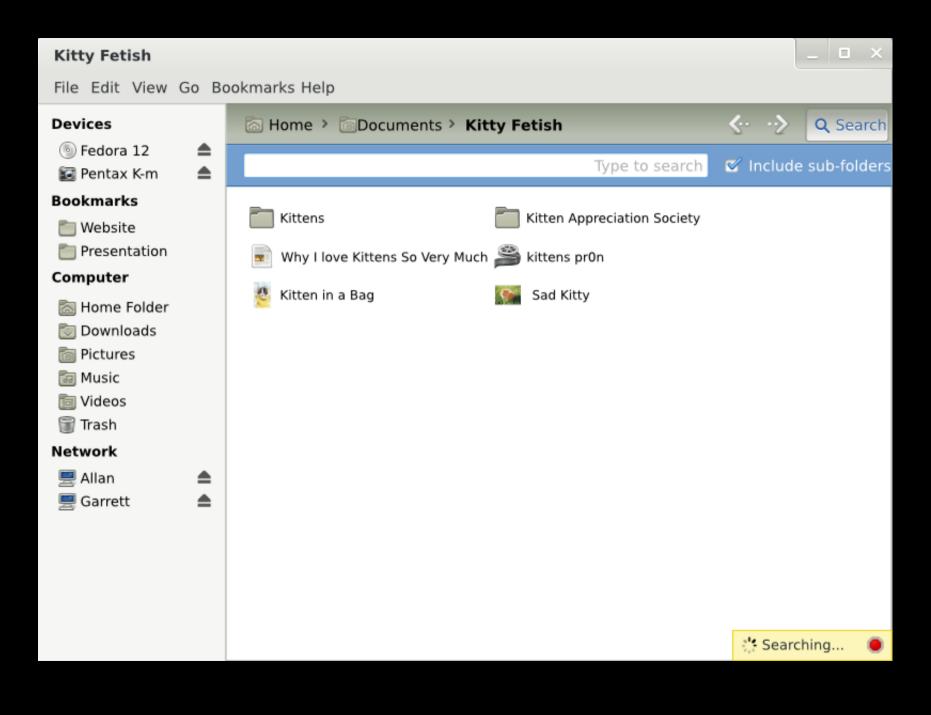
## A Better Desktop Designed for everybody

### **Background Chooser**



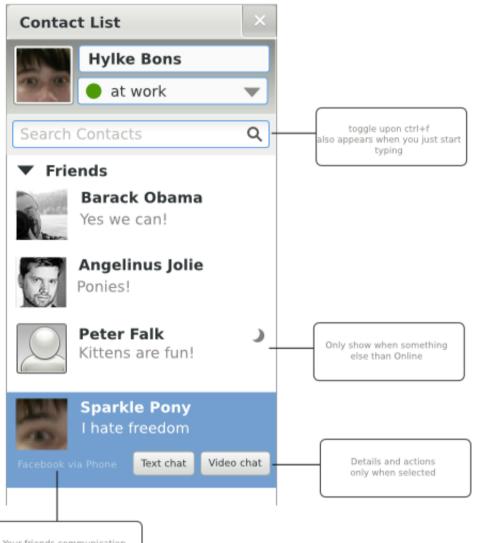
All Settings Flickr Ŧ ^ search your photos 🔍 Guadec 2010 Sec.13 Vacation ¥ 64

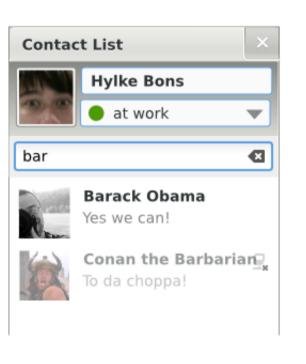






**GNOME** 

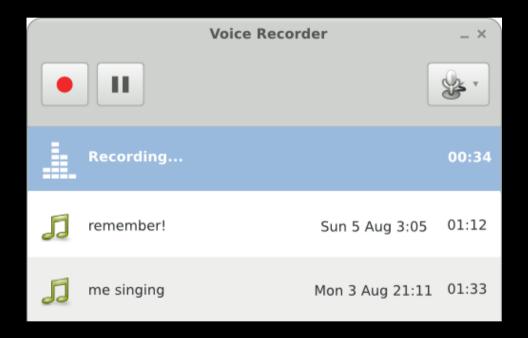




offline contacts are hidden by default, but searching does reveal them, making them appear semi-opaque, yet clickable.

Your friends communication method shows here

Compos	_ 🗆 ×		
From:	Kitty Lover	~	Options 🗸
To:			+
Subject:			
Paragrap	h 🗸 Text 🗸 Insert 🗸	HTM	L Abs 0
So	me document.odt		Remove
🗾 So	me document.odt		Remove
Disc	ard	Save 🗸	Send



### A rewritten gnome-soundrecorder

Date: Mon, 16 Aug 2010 12:19:43 +0200 From: Florent Thévenet <feuloren@free.fr> To: gnome-multimedia@gnome.org Subject: A rewritten gnome-sound-recorder

Hi all, I'm coding a new gnome-sound-recorder from scratch, using Vala as programing language, and based on Hylke Bons mockups http://www.bomahy.nl/hylke/blog/gnome-voicerecorder/

The project is in a usable state but need several improvements: You can record but not choose the source of the sound yet,

# A Better Platform

Libraries, Development Tools, Documentation



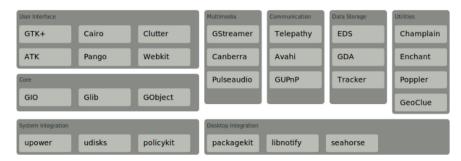
### **Getting Started**

Welcome to GNOME. Getting started is easy - install our dev tools and take a look at a tutorial.

#### Get ready for GNOME development

Download GNOME dev tools.

### **Platform Overview**



### API Documentation

- <u>GTK+</u> C, C++, Python, Javascript, Vala
- <u>Clutter</u> C, C++, Python, Javascript, Vala
- <u>GStreamer</u> C, C++,
   Python, Javascript, Vala
- More...

To get more great third party applications And be inclusive to them

## GNOME 3 ≠ GNOME 3.0 Just like GNOME 2 started at 2.0

## Thank you!

Frédéric Péters fpeters@gnome.org

### Become a friend of GNOME! www.gnome.org/friends



## Hardware support

Needs work :( But GNOME 3 is not just GNOME Shell

#### **User Experience**

### All Settings

GNOME 3

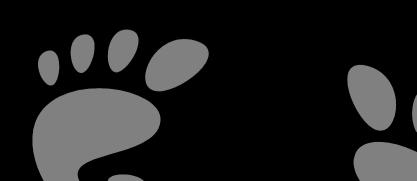
The default GNOME desktop. Uses modern hardware to provide an optimal experience

A The graphics capabilities of this system don't support GNOME 3

### O GNOME 2

The traditional GNOME desktop, with an older design. Runs on less capable hardware than GNOME 3

Learn more about GNOME 3



### **Unity** But GNOME 3 is not just GNOME Shell