

the "Italian Way" ►►

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sabayon<sup>4.1</sup>  
2009

# the "Italian Way" ►►

- Gentoo: the foundations
- Sabayon: the system
- Vision
- Who is Sabayon
- Licenses, freedom for who?
- What Sabayon offers
- Entropy Framework
- Who supports Sabayon
- How to participate



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2009

The logo for Sabayon 4.1 features the word "sabayon" in a large, white, sans-serif font. A smaller "4.1" is positioned above the letter "n". Below the main text, the year "2009" is partially visible. The background of the slide features several abstract, wavy lines in shades of blue, orange, and brown, which intersect and overlap each other.

# Gentoo: the foundations



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# Gentoo: the foundations



## ■ Meta-distribution

*toolkit to build your own system*

## ■ Costs/Benefits

*processing power, TCO, !mobile computing*

# Gentoo: the foundations



## ■ For expert users

*complex issues (build failures, DSO)*

## ■ Very good base

*the "Sabayon birth"*

# Sabayon: the system



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# Sabayon: the system



## ■ Why this spin-off?

*Gentoo flexibility + ease of use = profit*

## ■ Binary packages

*Entropy + Portage = adaptive*

## ■ Gentoo Abstraction Layer

*fitting the user*

# Vision



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# Vision



■ "out of the box"

*computer at users service*

■ "stand in the middle"

*user vs developer != fight*



# Vision



■ Community-driven

*users decide*

■ Elegance

*eye wants its cut*



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# Vision



*"There is real progress only when the benefits of a new technology become for all."*

*Henry Ford*

# Who is Sabayon



## A Community

■ Who are we?

*a small team of  
developers*



■ Who can join?

*everybody!*

# Licenses, freedom for who? ►►



# Licenses, freedom for who?



## ■ Actual state

*heterogeneous, FSF vs IP (or com. confidentiality)*

## ■ Who chooses?

*supplier or consumer? who is right?*

## ■ What matters for Sabayon

*freedom to people*

# What Sabayon offers



# What Sabayon offers



- A “Live” system on DVD
- Mobile, Server, Home computing
- About 9000 (x2) applications

# What Sabayon offers



- Several Desktop Environments

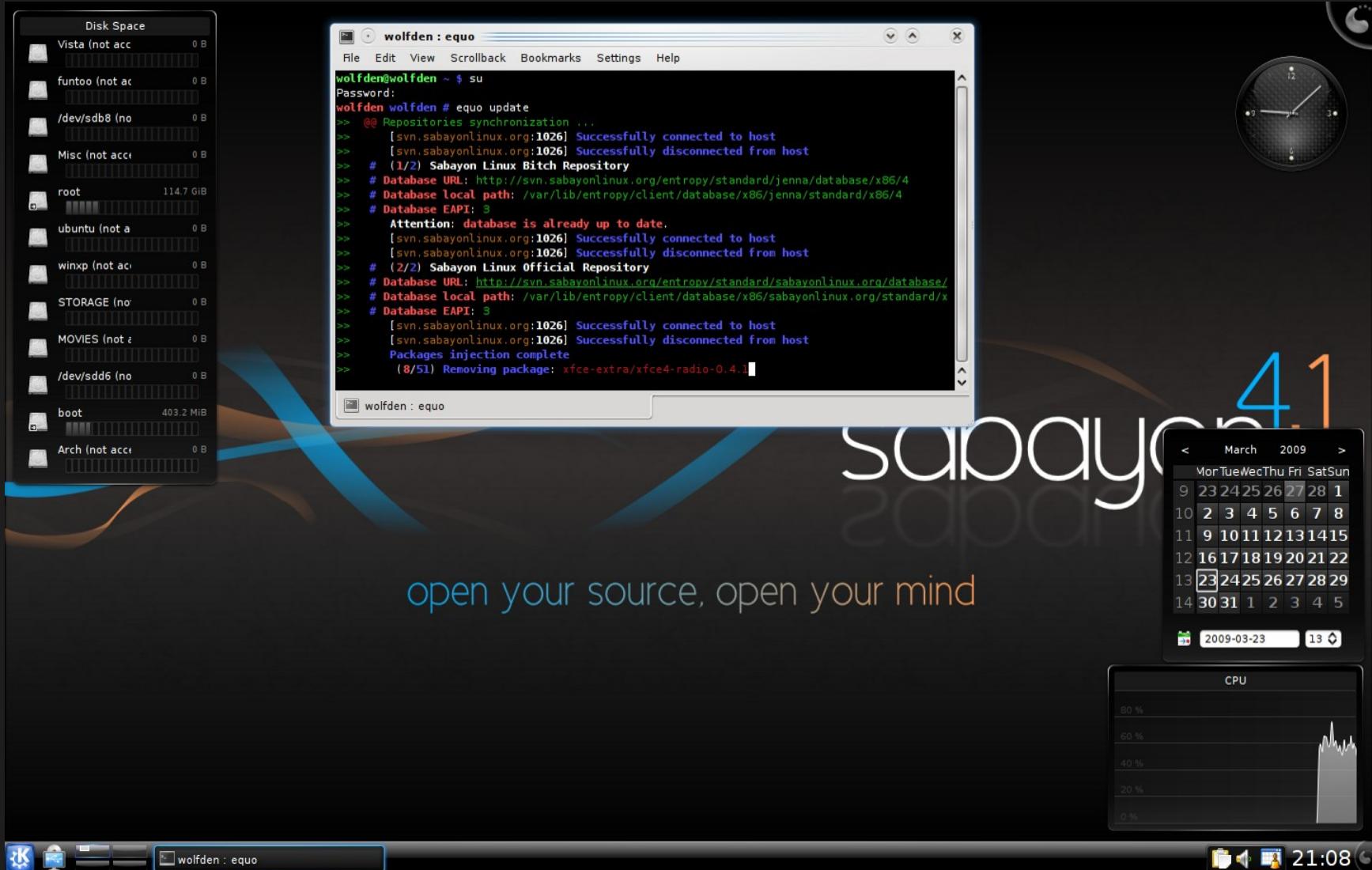
*GNOME, KDE4, XFCE, E17, Fluxbox, XBMC*

# GNOME



sabayon 4.1

# KDE4



open your source, open your mind

4.1

# E17



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# XBMC



sabayon 4.1

# What Sabayon offers



- Desktop compositing (3D)

*Compiz/Fusion*

# Desktop compositing



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# Desktop compositing



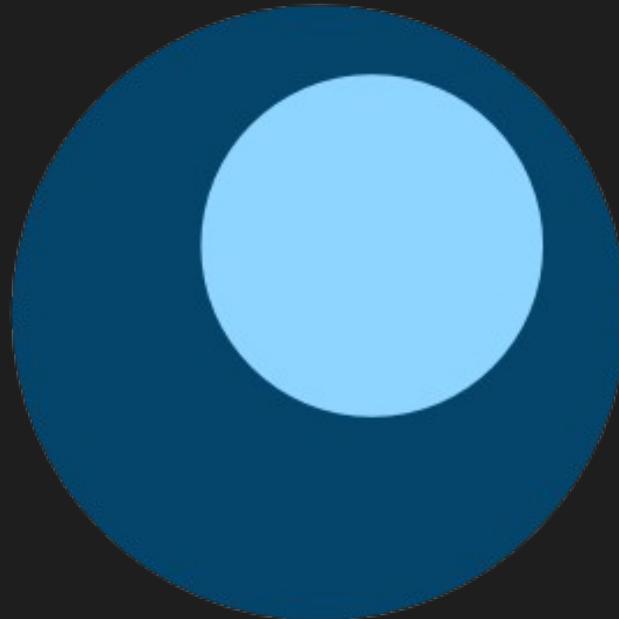
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# What Sabayon offers



- Flexible Package Management  
*Portage and Entropy*

# Entropy Framework



entropy

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# What is Entropy?



- Heart of Sabayon  
*everything rotates around it*
- Born as Package Manager  
*Portage compatible*
- Evolved as Framework  
*building package management apps*

# Why Entropy ?



- Install, Search, Remove  
*not enough anymore, social computing*
- Obsolescence of other PMS  
*innovation is mandatory (UGC, apps showcase)*
- Offer an attractive product  
*fundamental factor for the respect of the Vision*

# Entropy architecture



## ■ Entropy Server

*server-side management tools*

## ■ Entropy Client

*client-side user applications*

## ■ Entropy Services

*development framework (User Generated Content)*

# Entropy future



## ■ Distrib. Package Management

*sharing apps, p2p*

## ■ Cloud computing

*managing/building our OS through the Web*

## ■ PackageKit service provider

*abstraction layer for deb, rpm*

# Who supports Sabayon



Universidad de las Ciencias  
Informáticas



**nlnet**  
FOUNDATION

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# Who supports Sabayon



# How to participate



**<http://www.sabayon.org>**

- “spread the word”

*talk about our reality*

- Community

*wiki, forum, irc*

- Development

*mailing list, entropy, installer, localizzazione*

# Thanks



## Credits

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