

## **Online Desktop**

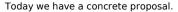
Bryan Clark and Havoc Pennington Red Hat July 17, 2007

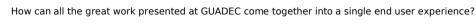
#### **CHOOSING OUR PATH**

Specific, defined direction and go after that direction with vigor

- Jono Bacon, this morning









#### **ONLINE DESKTOP**

The perfect window to the Internet: integrated with all your favorite online apps, secure and virus-free, simple to set up and zero-maintenance thereafter.



## **EVOLUTIONARY YET NEWLY FOCUSED**



### **MOMENTUM IS TO WEB APPS**



# WEB APPS ARE NOT "ON THE WEB"

Saying something like "web-based word processor" is misleading; the web changes the app. For me, Google Docs is a permanent and everywhere-accessible place to keep notes and personal documents. It lets me share some of them with my wife, and others with coworkers. The ability to edit the documents is a bonus, not the reason it's so compelling.

Similarly, the "online Quicken" sites such as Wesabe and Mint center on community features.

These apps change what people can do with their computer, for the better.



#### PROPRIETARY COMPETITORS

So can you give us an indication of what the next Windows will be like? Well, it will be more user-centric.

#### What does that mean?

That means that right now when you move from one PC to another, you've got to install apps on each one, do upgrades on each one. Moving information between them is very painful. We can use Live Services [a way to connect to Microsoft via the Internet] to know what you're interested in. So even if you drop by a [public] kiosk or somebody else's PC, we can bring down your home page, your files, your fonts, your favorites and those things. So that's kind of the user-centric thing that Live Services can enable.

- Bill Gates in Newsweek



### **MICROSOFT'S APPROACH SUCKS**



#### **OUR OPPORTUNITY**

As people and organizations realize they aren't using Windows anymore, except to launch their web browser - open source will be there with a free-of-cost, super-simple alternative.

Remix Linux and GNOME into a new take on the desktop for the modern world.

And not just desktop. We can include GNOME's mobile platforms.



# **DEMO**



#### **IMPLEMENTATION**

SEARCH AND DESTROY everything that leaves my data stranded on a single computer.

INTEGRATE the best web applications with the desktop.

RETHINK the user experience to take advantage of live connections to friends on the net.

CHANGE THE DEFAULTS so naïve users taking no special action will create collaborative, backed-up, online data rather than local files.



#### STRONG FOUNDATION

Much of the value in Online Desktop is to provide those things that must be local and not web-based – hardware drivers and hardware-related UI at the top of the list.

The web browser, obviously, has to be top-notch as well.

And a Live CD infrastructure is a natural fit.

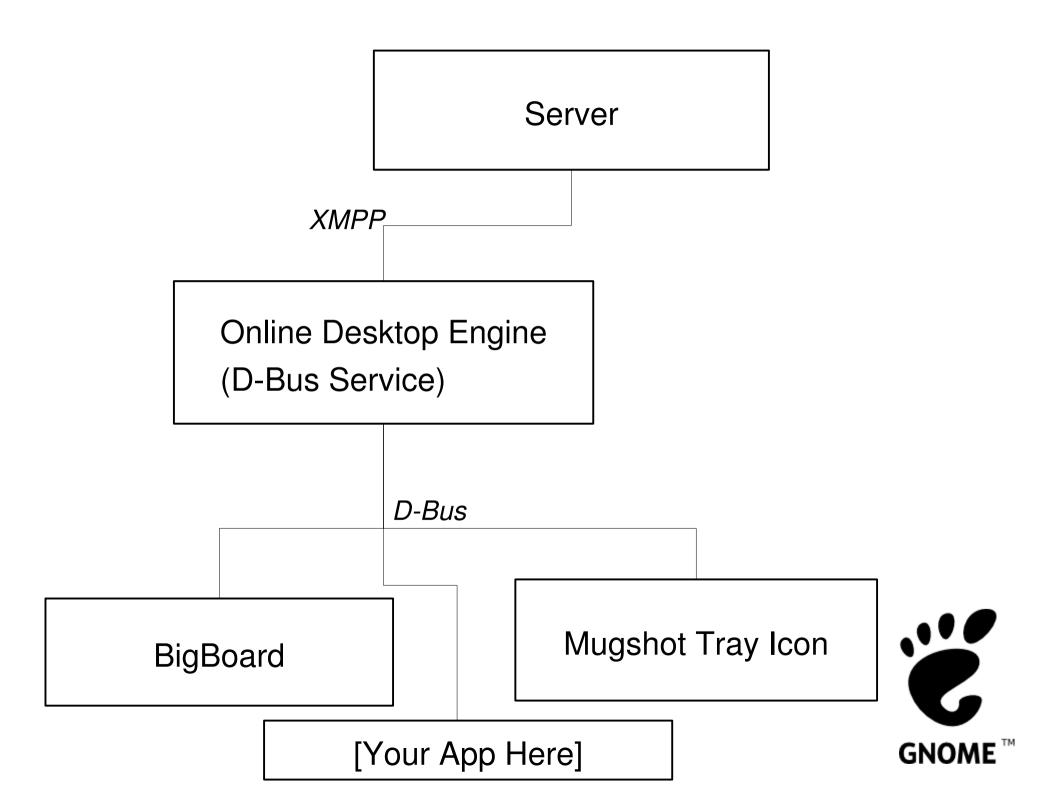


#### MAKE TALKING TO WEB APPS SIMPLE



#### **DESKTOP DATA MODEL**





#### **SERVER COMPONENT**

Have to figure this out. To innovate, we need some basic server-side functionality that we have control over as a community – for example, say we want to store Gconf settings online, no existing web site supports that.

We are moving to separate Mugshot.org from the server component of online desktop; ideally, the branded mugshot.org will be "just another site" (like Facebook) with respect to GNOME Online Desktop, and the more built-in-to-the-desktop features will be on a community server.

In any case, the online desktop has to be usable when a random person picks up a live CD, without configuring a server at a colocation site.



### WHY ONLINE DESKTOP?



# IMPROVE THE GNOME MOBILE EXPERIENCE



# SIMPLE, APPLIANCE-STYLE PRODUCTS



#### **BEST COLLEGE PC**



### **GOOGLE APPS FOR YOUR DOMAIN**



#### WHAT DOES IT MEAN FOR GNOME?

#### MORE EXCITEMENT AND MORE USERS.

Online desktop should not be tied to any single commercial service; it should be a true community project.

Bring sub-projects together as a coherent whole.



#### **HOW CAN WE GET STARTED?**

Start thinking of your project as part of the whole desktop. Build and try out the whole.

Tackle some of the big problems, such as an http library.

Does your app keep local data? Fix it!

**New ideas!** 



#### **DIFFERENCE IS HUGE**

Open source leading next round of desktop innovation

Compelling user experience

Whole product, not a collection of subprojects

