# Using GNOME as the enterprise desktop

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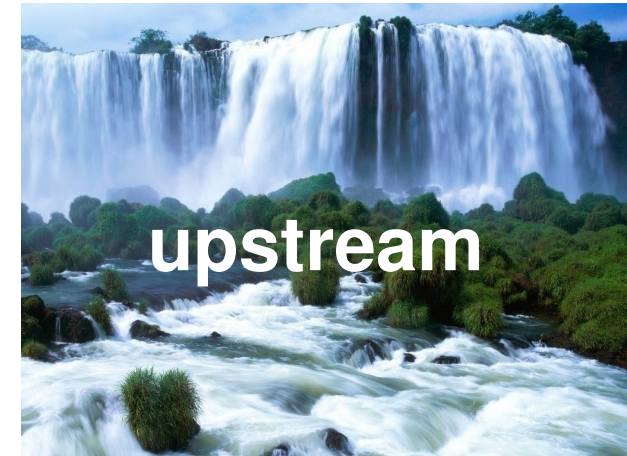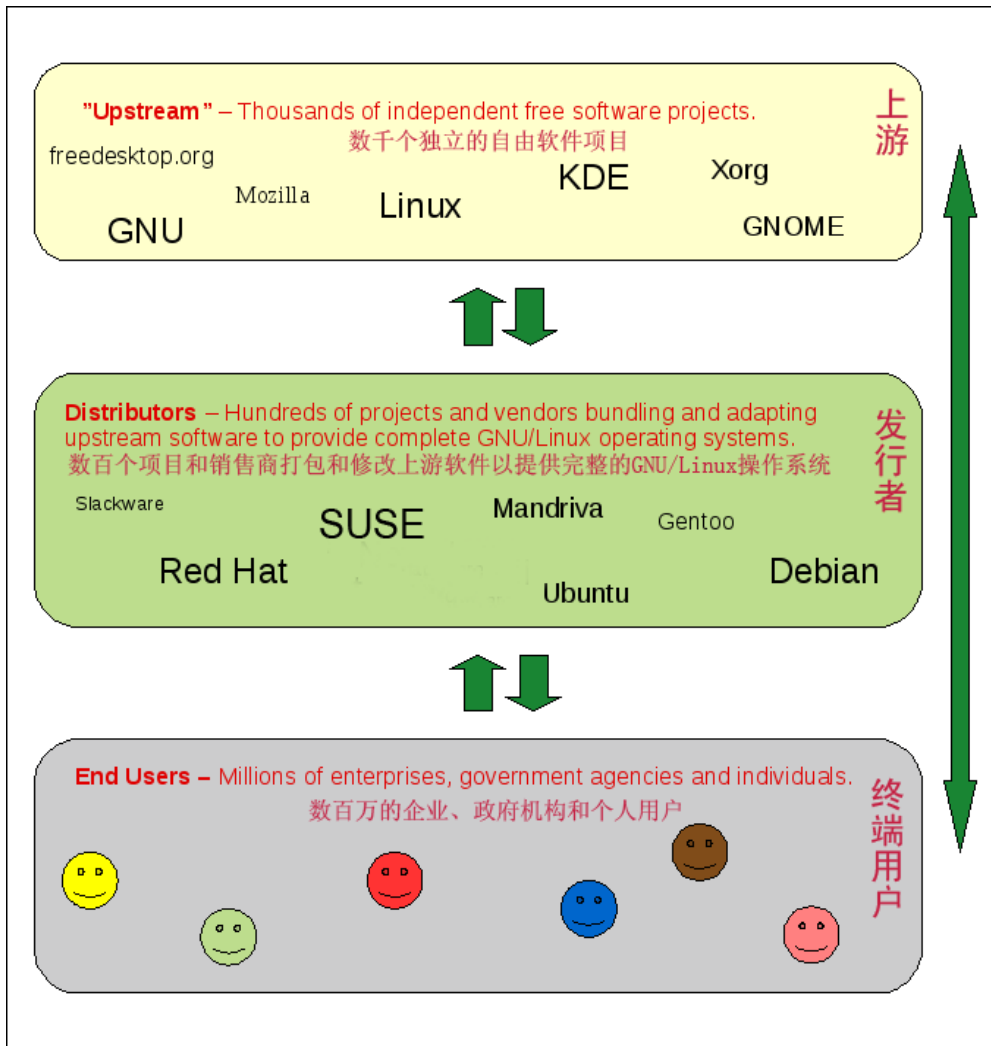
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# Overview

- The story of SLED

- How do we choose a desktop

- What are we doing

- The strength of Linux desktop

- **The story of SLED**

- How do we choose a desktop

- What are we doing

- The strength of Linux desktop

# Linux Distributors





upstream

We do not manufacture water, we just water porters.

# The story of SUSE & GNOME

- Founded in 1992, Germany

- Gorgeous KDE

- Acquired by Novell on 4 November 2003

- Ximian, founded in 1999, provide international GNOME support

- Acquired by Novell on 4 August 2003

In previous SLED (9, 10, 11), we ship GNOME as the default desktop.

# What is the problem in SLED12?

**GNOME3 is….. controversial**

- **UI**

  There was a time, no classic-mode


- **3D**

  cool for end user, but is not the most important and urgent requirement


  *Time to make decision, for the following, let's say, 7 years*

- The history of SLED

- **How do we choose a desktop**

- What are we doing

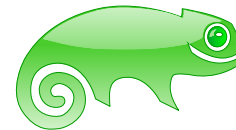- The strength of Linux desktop

# Target customer

## The end user

- Huge market

- Broad reputation

- Consumer goods

- Unpaid users



## Enterprise user

- 'Small' market
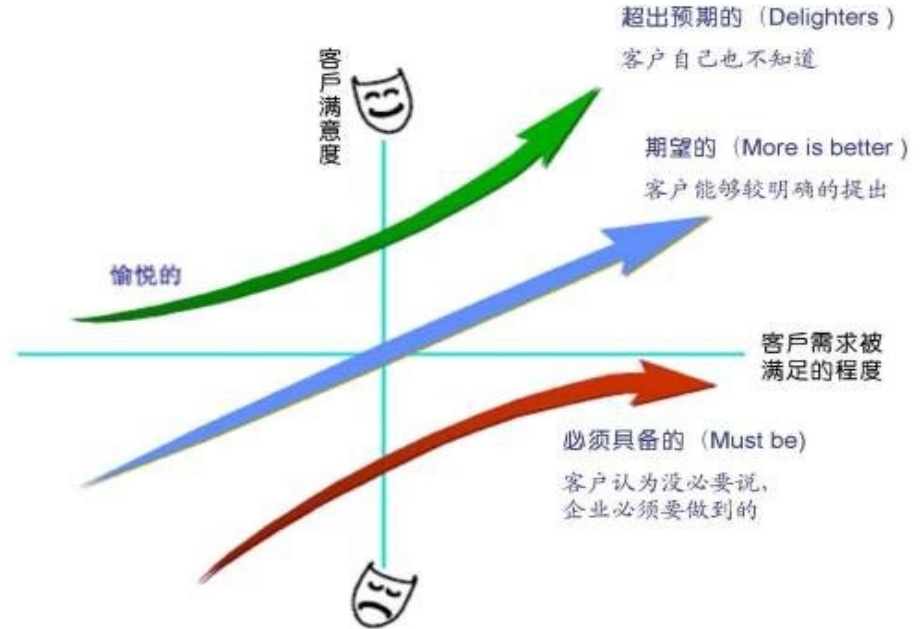
- Behind the scenes

- Producer goods

- Paid users

# Requirement analysis

## The end user

## Enterprise user

- Compatible
- Data migrate
- Solid quality

# We want something like gnome2

—— voice from  customers

- Solution one

  Pick other desktop environment

  XFCE, MATE...

- Solution two

  Make gnome3 looks like gnome2?

  I could be customized to any shape.

  —— voice from gnome-shell

# More than gnome2

- The overall market of desktop is decline. Tablet/mobile

- Gnome3 could be used in touch screen.

- Gtk3

# 3D

- LLVM-Pipe software acceleration

- But for the server which do not like 3D at all – light desktop, icewm/twm

**The old story of 3D**

The different attitudes between upstream and some developers:

Pass the ball forward?

# Why GNOME3: What is a good open source project

- **Mature**

  Live for years, wildly used, good brand.

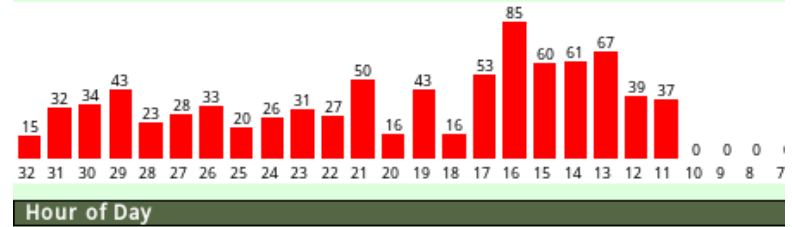  Fragment desktop is interesting, but not competitive.

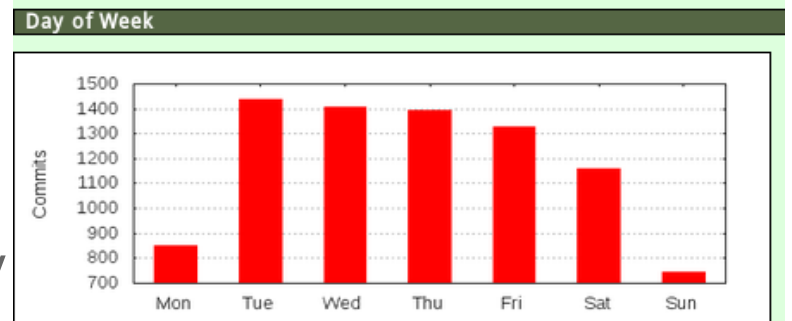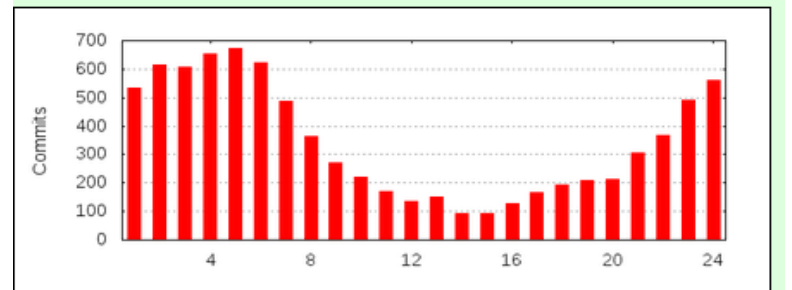- **Active**

  Code commit, bug report

- **Upstream**

  Not only a couple of people

  Not drive by a certain company

GitStats: Gnome-shell



**Hour of Day**

| Hour | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|------|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|
| Commits | 535 | 614 | 607 | 655 | 671 | 622 | 487 | 362 | 272 | 219 | 172 | 137 | 152 | 93 | 93 | 129 | 165 | 193 |
| % | 6.43 | 7.38 | 7.29 | 7.87 | 8.06 | 7.47 | 5.85 | 4.35 | 3.27 | 2.63 | 2.07 | 1.65 | 1.83 | 1.12 | 1.12 | 1.55 | 1.98 | 2.32 |

**Day of Week**

# Do we make a right decision?

**The era of big data**

**We always hear complains.**

An open source project maturity analyzing framework?

Once we made a decision, that is the best decision!
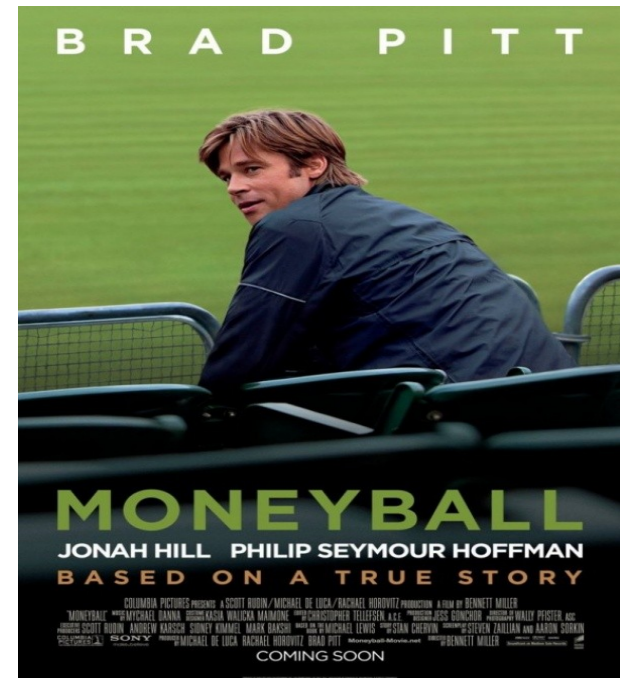
# Maturity analyzing framework

- **For developer**

  Recognition of their work

- **For upstream**

  Care about their weakness

- **For distributor**

  Find the best project

- **Papers**

- **Current framework**

- The history of SLED

- How do we choose a desktop

- **What are we doing**

- The strength of Linux desktop

# Different attitude with community

## What should we do

- Focus on core libs

  - authentication, network protocols,

  - X

## What should we not do

- Do not provide tools like 'app store' – different approach with Canonical

  - we can, but not really necessary

# Daily works

- Hardware enablement

- Solution with complicate environment

- Features from customers

- Bugs from anywhere

**Submit our fix to the upstream**

Contribute to upstream.

Upstream is the only standard to confirm we did the right work.

# Be patience

- Patience is more important than passion

- Work is done by patch, not by speech.

# SLED team's **objectives**

- Improve our desktop

- Integrate applications to our desktop

- Evaluate different desktops

- Evaluate different applications

## What is more

Help local community – welcome to join our training or hackweek project!

- The history of SLED
- How do we choose a desktop
- What are we doing
- **The strength of Linux desktop**

# How to promote Linux Desktop

Begin with end user

Begin with enterprise user?

**Linked** in    or    f

# Strength

**Community**

# Weakness

**Applications
SDK/document**

**commercial support**

# Opportunity

**Linux server became popular.
GNOME is ready!**

**XP is out of service?**
It is not the opportunity, never!
Don't relay on that.

# Threat

**Misleading.**

Windows? Andriod?
    Yes. But no if we have the
right positioning.

## Strength

No community
No future

## Weakness

Make better SDK/document

Using in commercial environment

SUGGESTION BOX

## Opportunity

Trust and use our desktop, use GNOME!

## Threat

The sprite of freedom, the sprite of open source.

—-- most important

# OpenSUSE.ASIA is coming.

(October 18-19, 2014)

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