OpenOffice.org

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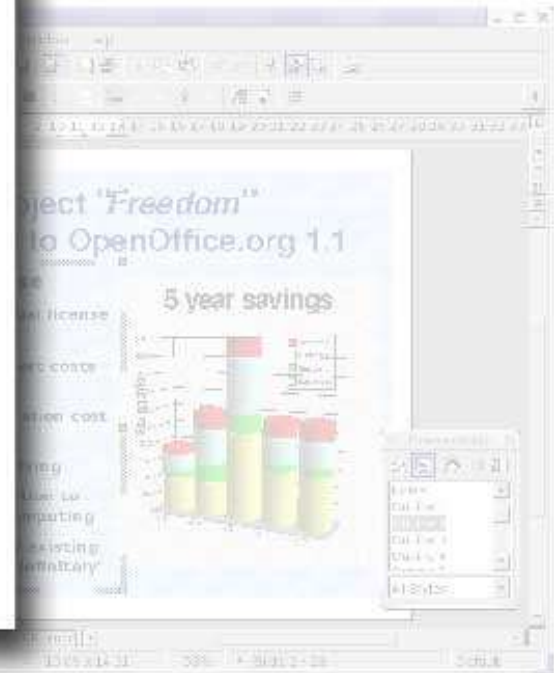
Agenda ...

- OpenOffice.org – The Project
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    - *How to contribute*

Agenda ...

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Agenda ...

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Agenda

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The Project

The History

- OpenOffice.org was founded by Sun Microsystems, Inc. on October 13, 2000

- Sun donated StarOffice source code

- OpenOffice.org was and probably still is the worlds largest open source project

The Community

- 13,700 unique people subscribed to the mailing lists (as of September 27, 2003)

- 315 individuals and companies have signed a Joint Copyright Assignment (JCA) and are thus either already contributing or considering to do so (as of October 1, 2003)

The Projects

- ## Accepted Projects
  - *technical projects + marketing project*

- ## Incubator Projects
  - *experimental projects and endeavors like groupware, scripting, stats, etc.*

- ## Native-Lang Projects
  - *projects providing information, resources, builds, and forums in a user's native language (http://nl.openoffice.org)*
 - *15 projects so far*

How to contribute

- Areas where people are contributing:
    - *Porting*
    - *Localizations*
    - *QA & Testing*
    - *Add-ons (spellchecker, Flash export, etc.)*
    - *End user support*
    - *Marketing*
- More Details:
    - *http://www.openoffice.org/contributing.html*

The Applications

OpenOffice.org Writer

- **feature-rich easy to use word processor**
- **powerful styles and formatting support**
- **opens and saves Microsoft Word files**

OpenOffice.org Calc
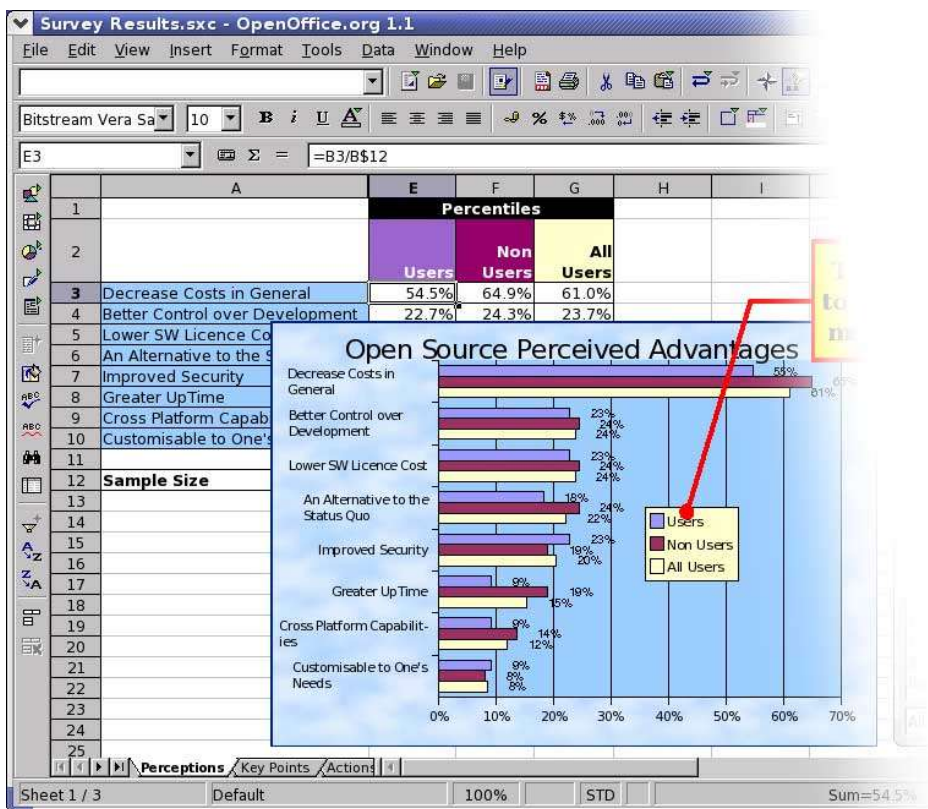
- **full spreadsheet functionality, e.g.**
  - *statistical and scientific functions*
  - *pivot tables*
  - *charts*

- **opens and saves Microsoft Excel files**

OpenOffice.org Impress

- powerful presentation tool

- strong drawing and charting capabilities

- opens and saves Microsoft Powerpoint files

OpenOffice.org Draw
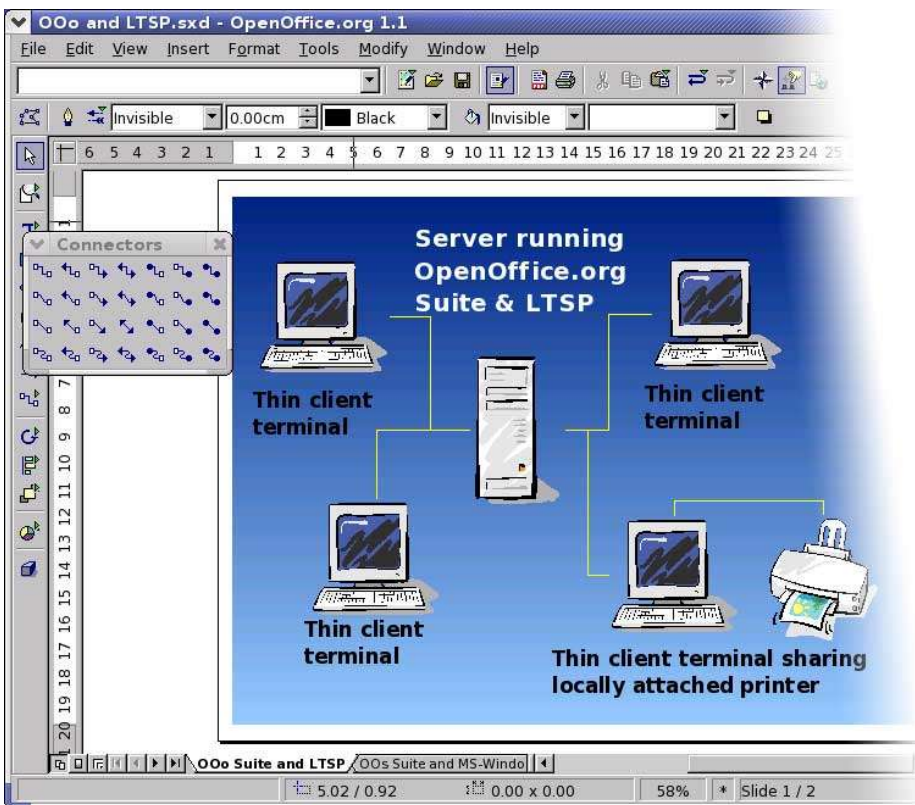
- powerful design tool
- provides tools for Microsoft Visio-like diagrams
- bitmap and vector graphic features
- broad file format support

OpenOffice.org Base

- **powerful database tools, e.g.**
  - *analysis*
  - *reports*
  - *mail merge*
- **support for many different database systems**

Microsoft Office Compatibility
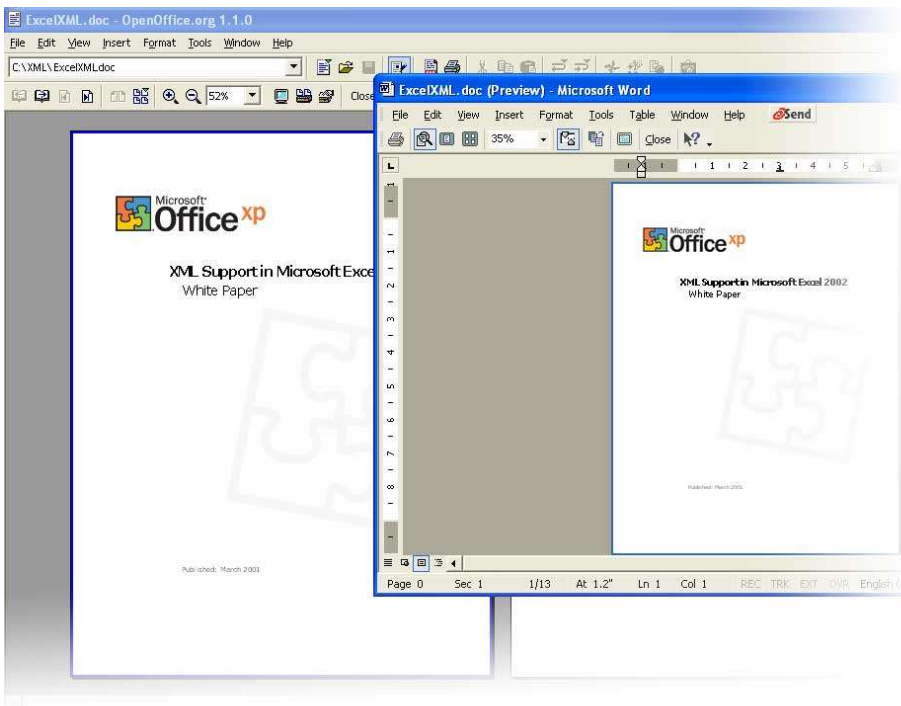
- OpenOffice.org opens and saves all current Microsoft Office file formats incl.
  - *Microsoft Word*
  - *Microsoft Excel*
  - *Microsoft Powerpoint*

One-click PDF Export
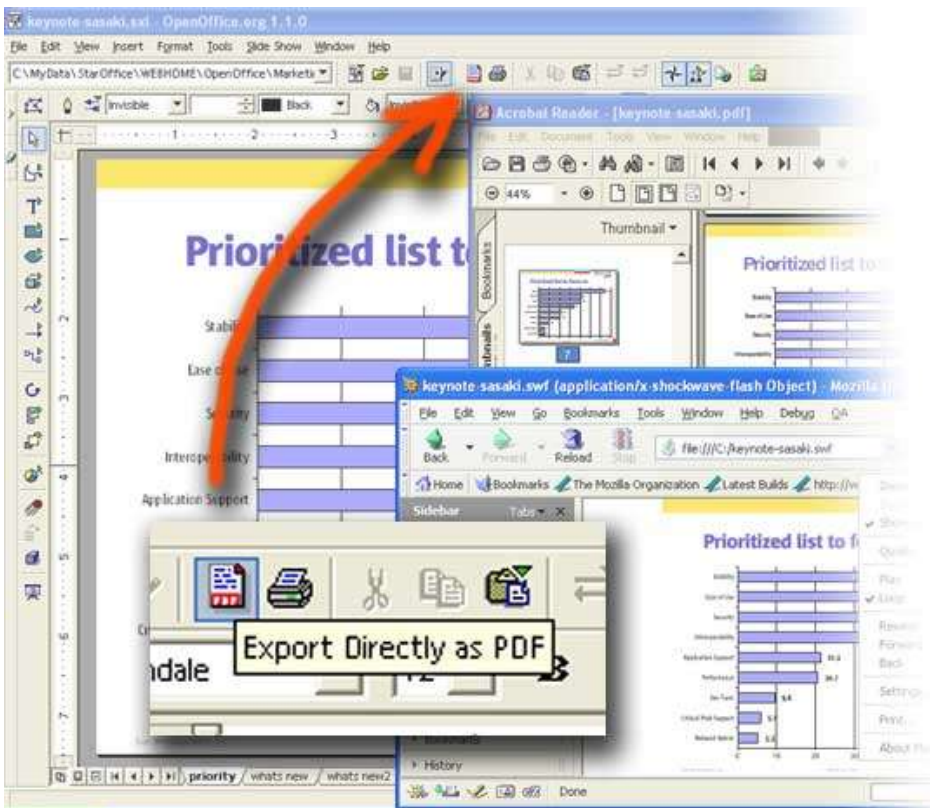
- no expensive 3rd party technology required
- fast and easy one-click PDF export
- "Send as PDF attachement" feature

Export to Flash (.swf)
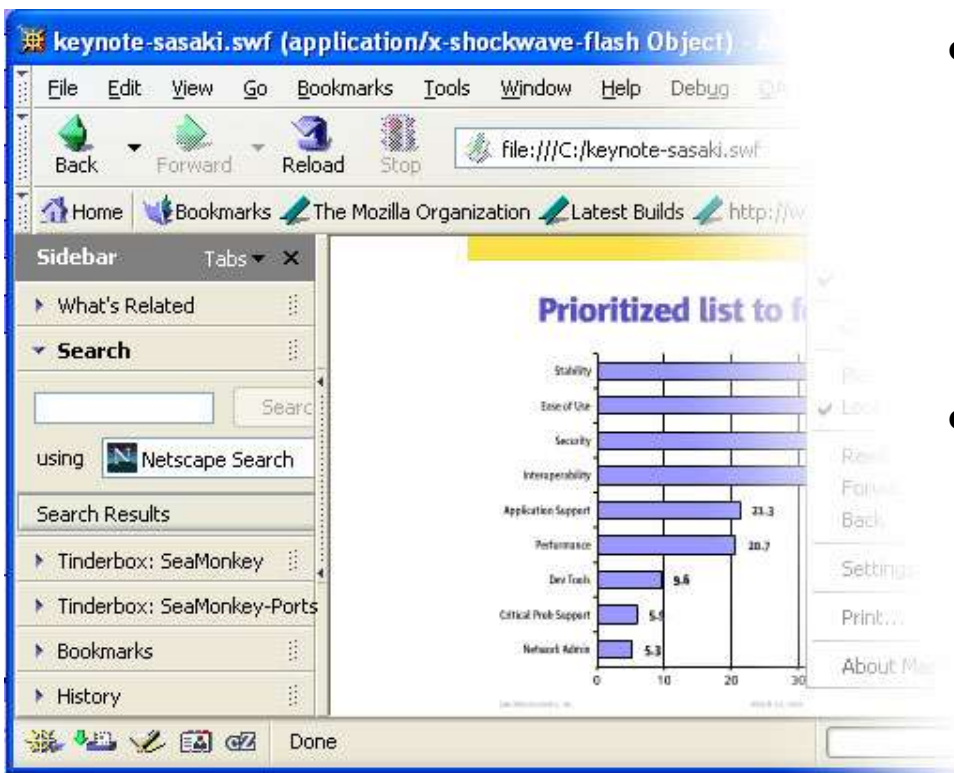
- **presentations and drawings can be viewed in a simple browser window**

- **no separate viewer required**

Accessibility

- high-contrast mode
- full keyboard navigation and control
- support for assistive technology through Java[tm] technology based access bridge software

Internationalization

- OpenOffice.org is available in a fast growing number of native languages

- due to it's open source paradigm OpenOffice.org can easily be translated into new languages

XML Filter Tool
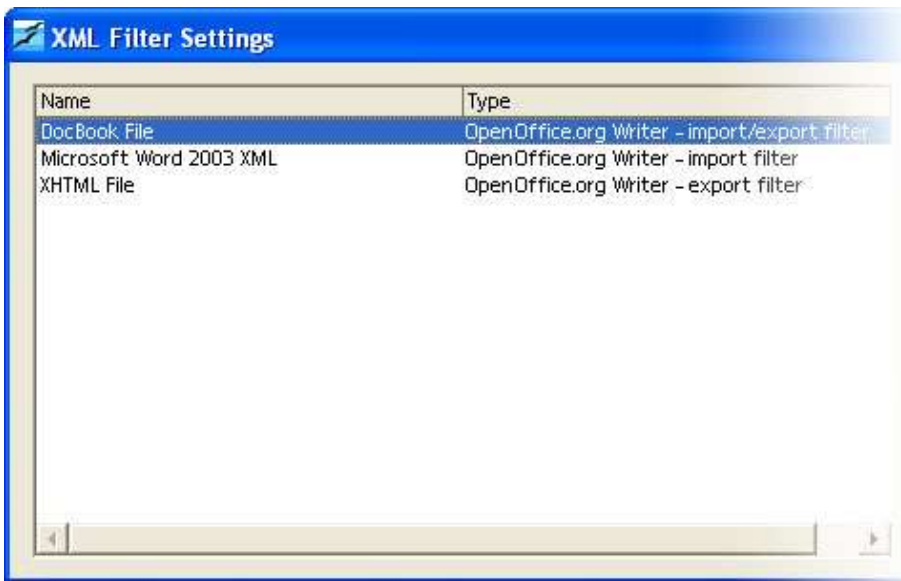
- allows to create new import and export filter for XML based file formats

- can be used for Excel 2002 XML and the new Office 2003 XML file formats

- uses XSL technology

OOo is innovative

- Microsoft Office started life as separate programs, some even made by separate companies.

- For example, Powerpoint was originally developed by a company named Forethought. For the Mac.

- OOo and SO were developed from the ground up as an integrated suite, thus allowing the sharing of innovative technology across the suite from day 1.

Innovative Math expression

- Simple Math input language
  - *Used in MathML-based Formula editor*
  - *Fully integrated with Writer, Impress and Draw*

$$\sum_{0}^{\infty} x^2$$ =sum from 0 to infinity x^2

Scripting

- Easy to use scripting in BASIC
    - *Simple language*
    - *Already popular and commonly known*
- JAVA-based scripting also available
    - *Built on industry standards*

Drawing tools
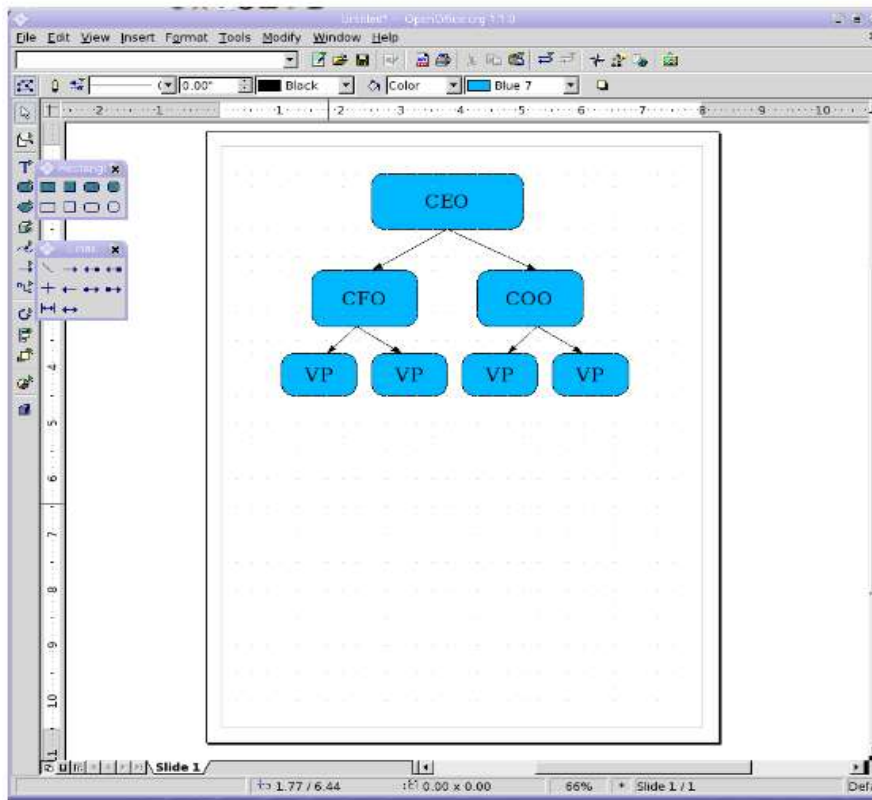
- **Open-ended object based drawing tools**
    - *Used in Draw application*
    - *Used in Impress application*
    - *Simplifies tasks like flowcharting and creating diagrams*

Security
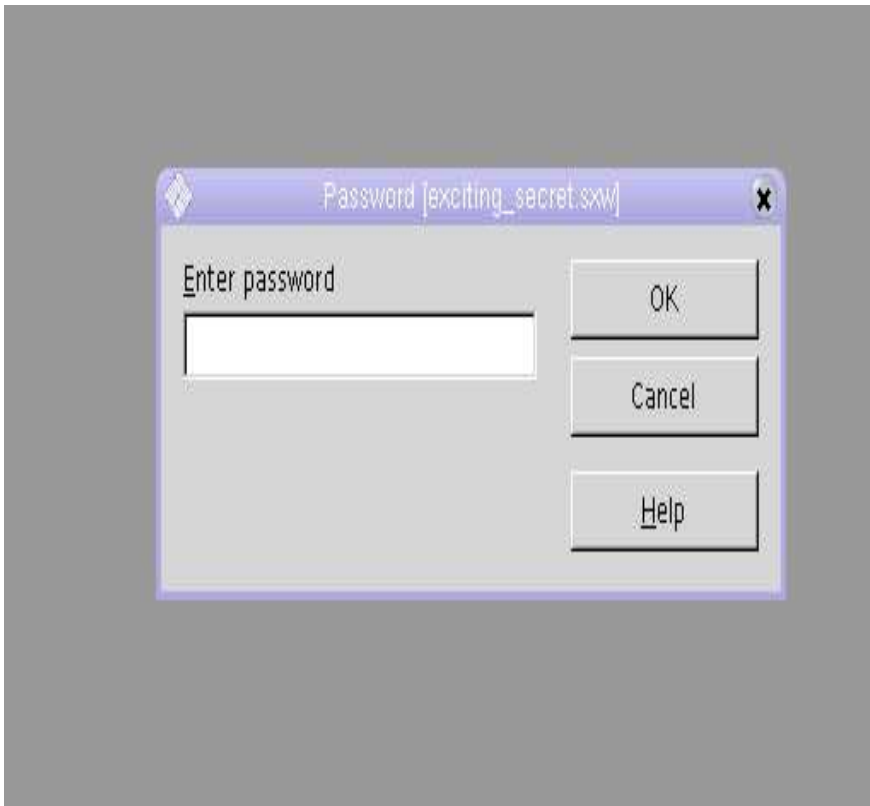
- Open, secure encryption
- Best of breed Blowfish Algorithm
- No virus's yet!

OpenOffice.org 2.0

- Concept document available at:
  - *http://tools.openoffice.org/releases/*
- Key Drivers
  - *Microsoft Office Interoperability*
  - *Usability*
  - *Performance*
  - *Programmability*
  - *Integration into Gnome Desktop and Microsoft Windows*

OpenOffice.org 2.0

- General Improvements
    - *Stability and Quality*
    - *Administration and Deployment*
    - *Modern Look & Feel*
    - *Integration (Plugins, 3rd party applications)*

OpenOffice.org 2.0

- Upcoming Opportunities

  - *Asian and CTL languages*

  - *Digital Signatures*

  - *Compelling upgrade features (e.g. multi media, OCR, DB)*

  - *Intelligent Document Tags*

  - *Collaboration*

OpenOffice.org vs. StarOffice

- the StarOffice[tm] 7 Office Suite is based on OpenOffice.org
- Sun offers support, services, training, tools, 3rd party ISV support (e.g. ERP), etc. for StarOffice
- world wide account teams

StarOffice 7 User Add-ons

- commercial spell checker
- Adabas D database
- fonts, templates, clipart
- printed manual & CD
- free 60-day support (retail, e-tail, OEM)
- well tested releases

StarOffice 7 Enterprise Edition

- new StarOffice Configuration Manager (SCM)

- supported and tested Software Development Kit

- flexible pricing

- world wide support, training and services

Sun Java Desktop System

- **Tightly integrated and tuned desktop**
  - *GNOME 2.2*
  - *StarOffice 7*
  - *Mozilla 1.4*
  - *Evolution 1.4*
  - *Java 1.4*
- **$100/Desktop/Year or $50/Employee/Year**

The Momentum

Statistics

- More that 20,400,000 have downloaded OpenOffice.org so far (as of September 27, 2003).

- About 4,000,000 people downloaded OpenOffice.org in just the last quarter (Q3).

Localizations

- Builds provided by Sun for key languages:
  - *English, German, Italian, French, Spanish, Swedish, Simplified Chinese, Traditional Chinese, Japanese, Korean*

- More localizations done by the community:
  - *Dutch, Norwegian Nynorsk, Hebrew, Turkish, Zulu, ...*
  - *http://l10n.openoffice.org/localization_responsibilities.html*

Available Ports

- Windows (98, NT, ME, 2000 and XP)
- Linux (x86 and Power PC)
- Solaris[TM] Operating System (SPARC + *x86*)
- Mac OS X (X11)
- Irix
- FreeBSD
- More ports are under development, details:
  - *http://porting.openoffice.org/*

Success Stories

- Germany
  - *City of Munich: 15,000 seats*
  - *Police in Lower Saxony: 11,000 seats*
  - *City of Schwaebisch Hall: 300 seats*
  - *Nine additional cities considering switch to Linux and OpenOffice.org: Alzey, Kaiserslautern, Koblenz, Landau, Mainz, Neustadt, Speyer, Trier, Worms*
- Austria
  - *City of Vienna is considering switch to Linux and OOo: 15,000 seats*

Success Stories

- France

  - *The Ministry of Economy, Finance and Industry: 8,000 seats*

  - *Chronopost International: 300 users*

  - *Avranches-Granville Hospital: 400 users*

- United Kingdom

  - *Evaluations at: Office of the Deputy Prime Minister, Office of the eEnvoy, Powys Borough Council, Newham Borough Council*

Success Stories

- ## Australia

  - *The National Archives of Australia (NAA) is using OpenOffice.org to help store and display archived documents from government agencies.*

- ## Israel

  - *According to "The Register" the Israeli Ministry of Commerce has suspended all governmental contracts with Microsoft. OpenOffice.org is considered as an alternative.*

Success Stories

- ## Thailand

  - *The Thai government sells desktop PCs and notebooks preloaded with Linux and OpenOffice.org to citizens.*

- ## South Africa

  - *The government is sponsoring the translation of OpenOffice.org into languages like Zulu.*

ISV Support

- Tamino XML Database Integration by Software AG

- iCoya OpenContent (CMS) by Struktur AG

- Calc Application Add-in for Hyperion Essbase XTD by Applied OLAP

- InView Software's collaboration solution Momentum

- OpenOffice.org support in Endnote bibliographic software

ISV Support

- All major Linux distributions, incl. Red Hat, SuSE, Mandrake, Lindows and Debian

- German e-Government solution OpenPlenum by PROTEXT Computer GmbH

- StarOffice4Kids by kippdata for the education market

- StarOffice partnership with Oracle in the context of the Collaboration Suite

- Novell through the Ximian acquisition

The Developer Platform

Source Code

- Allows customization, enhancements and bug fixes

- Full source code available

  - *source TAR balls*

  - *CVS repository*

- Several developer resources

  - *http://tools.openoffice.org*

  - *http://porting.openoffice.org*

Open XML File Format

- Same XML file format for all applications
  - *Writer, Calc, Impress and Draw*

- Published 500-page specification
  - *no undocumented tags*

- XML file format is the default
  - *XML file format contains the <u>complete</u> document data incl. layout and formatting information*

- ZIP compression
  - *small document files*

OASIS Open Office XML Format

- Cross-industry technical committee
  - *Arbortext, Inc.*
  - *Boeing*
  - *Corel*
  - *KOffice*
  - *National Archives of Australia*
  - *Sun Microsystems, Inc.*
- OpenOffice.org XML file format is used as the basis for the OASIS format

OpenOffice.org SDK

- Support for many different technologies
  - *Java programming language*
  - *C/C++, Basic, OLE and XML*
- 900-page Developer's Guide
- Many reusable and easy to build code samples
- More OpenOffice.org developer information:
  - *http://website.openoffice.org/developer/*

OpenOffice.org Adoption in 2010

OpenOffice.org
The Open Source Office Suite