

# OpenOffice.org In Education

**Open Source Perceived Advantages**

Category	Users	Non Users	All Users
Decrease Costs in General	54.5%	64.9%	61.0%
Better Control over Development	22.7%	24.3%	23.7%
Lower SW Licence Cost	23%	24%	24%
An Alternative to the Status Quo	23%	24%	24%
Improved Security	18%	20%	20%
Greater UpTime	9%	10%	10%
Cross Platform Capabilities	9%	12%	12%
Customisable to One's Needs	9%	9%	9%

**Project "Freedom"**  
 Transition to OpenOffice.org 1.1  
 5 year savings

**Highlights**

- The all-in-one office software package for beginners and power users alike.
- Available in 30 languages today and another 30 in development, including complex text languages
- Exports to .pdf format, and graphics files in .swf (Flash) format with no additional software required
- Four best-in-class tools: CALC (spreadsheet);
- Runs on Microsoft Windows 95/98/2000/XP,
- Integrated Database User Tools give you

*95% Office, at less than 1% of the cost!*

# OpenOffice.org



Colin Charles

OpenOffice.org Community  
Marketing Contact  
Malaysia, Victoria/Australia

[byte@aeon.com.my](mailto:byte@aeon.com.my)  
<http://www.bytebot.net/>



# Agenda ...



- OpenOffice.org 1.1 – The Applications
  - *Feature Highlights*
  - *Roadmap*
    - *OOo 1.1 is out now*
    - *OOo 1.1.1 is the next fix-up release*
    - *OOo 2.0 is the **major improved release***

# Why OpenOffice.org?



- Piracy doesn't:
  - *Provide bug fixes, rights to steer future releases, no ability to get support for stolen software, and no building of local software industry*
- Microsoft has DRM for Office 2003
  - *Illegal to reverse engineer, forces updates, sharing of documents disabled*
- Run's on multiple OS'es:
  - *Windows, Linux, Solaris, Mac OS X, and others...*

# OpenOffice.org Writer



**A new approach to productivity**

When OpenOffice.org 1.1 is launched, no other software is needed. It's free.

An estimated 6 million people worldwide downloaded the OpenOffice.org software, installed it from CD-ROM, just acquired it from friends, colleges, etc.

The OpenOffice.org community has listened to their feedback, fixed their bug reports, and are proud to announce version 1.1.

Our world class software package has got even better - and it's still free!

**Open Source Perceived Advantages**

Category	Open Source	Proprietary
Development	85%	75%
Integration	80%	70%
Security	75%	65%
Performance	70%	60%
Flexibility	65%	55%
Cost	60%	50%
Support	55%	45%
Customization	50%	40%
Interoperability	45%	35%
Scalability	40%	30%
Reliability	35%	25%
Portability	30%	20%
Extensibility	25%	15%
Modularity	20%	10%
Flexibility	15%	5%
Customization	10%	0%
Interoperability	5%	0%
Scalability	0%	0%
Reliability	0%	0%
Portability	0%	0%
Extensibility	0%	0%
Modularity	0%	0%

**Highlights**

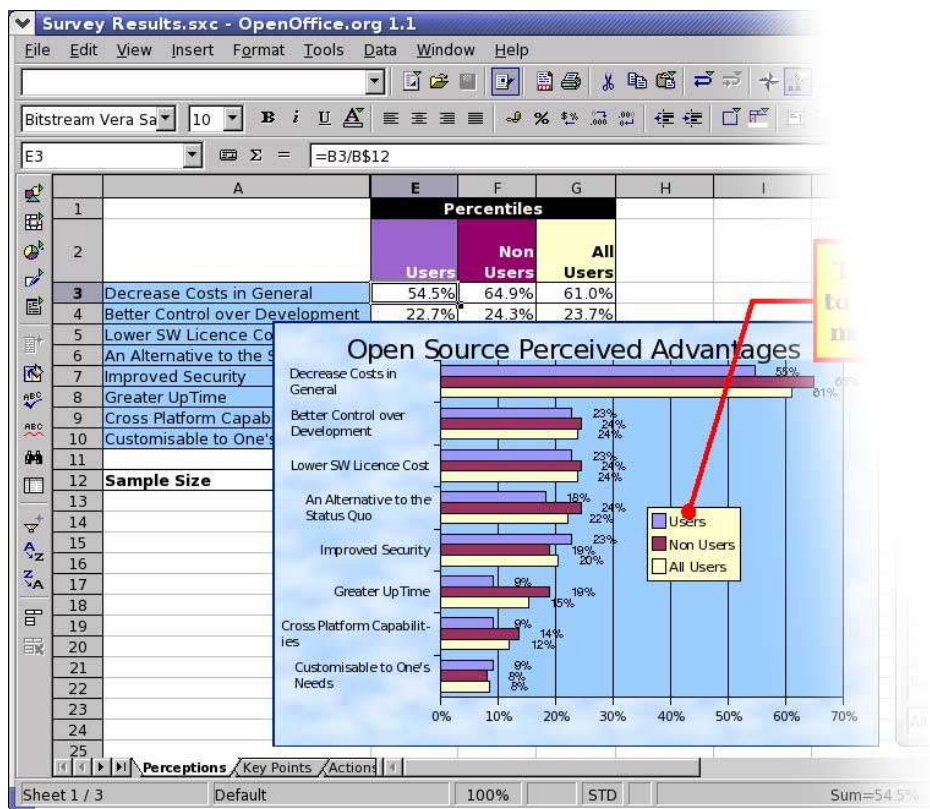
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Page 1 / 2    Default    96%    INSRT    STD    HYP

- 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



Project Freedom.sxi - OpenOffice.org 1.1

File Edit View Insert Format Tools Slide Show Window Help

Bitstream Vera Sa 20 B i U A

7 6 5 4 3 2 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25

Presentation

- Insert Slide...
- Modify Slide Layout...
- Slide Design...
- Duplicate Slide
- Expand Slide

## Project "Freedom" Migration to OpenOffice.org 1.1

- **Business case**
  - ✓ Massive annual license fee savings
  - ✓ Central support costs reduced
  - ✓ Minimal migration cost
  - ✓ Reduced storage/archiving
  - ✓ Enable migration to thin client computing
  - ✓ Extend life of existing desktops 'indefinitely'

### 5 year savings

Year	Servers (£)	Clients (£)	Support (£)	Licenses (£)
Yr 1	20	10	10	10
Yr 2	30	20	20	20
Yr 3	40	30	30	30
Yr 4	50	40	40	40
Yr 5	60	50	50	50

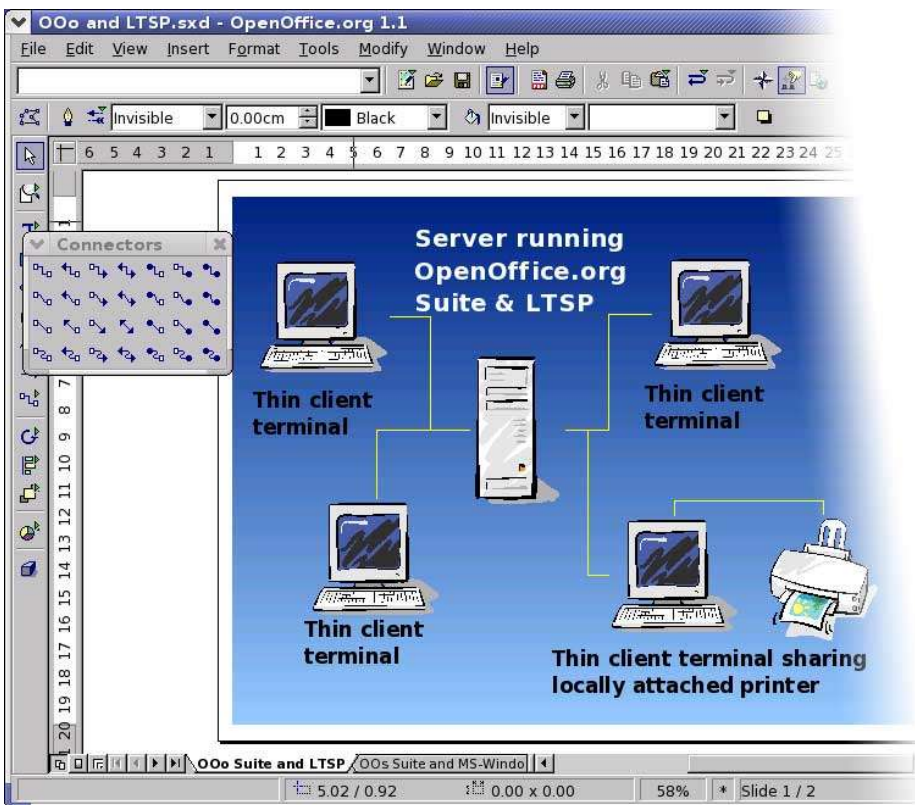
Notes  
Outline 1  
Outline 2  
Outline 3  
Outline 4  
All Styles

Introduction Business Case Pilot UK Launch

TextEdit: Paragraph 2, Row 2, Column 1.03 / 4.24 13.09 x 14.31 58% \* Slide 2 / 28

- Powerful presentation tool
- Opens and saves Microsoft Powerpoint files

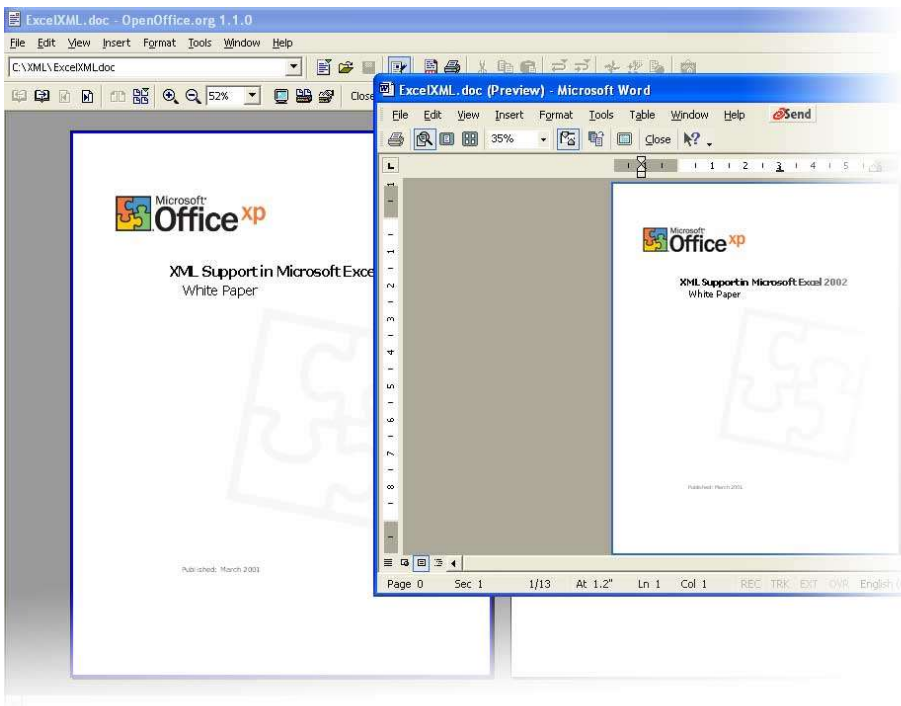
# OpenOffice.org Draw



- Powerful design tool
- Provides tools for Microsoft Visio-like diagrams
- Broad file format support

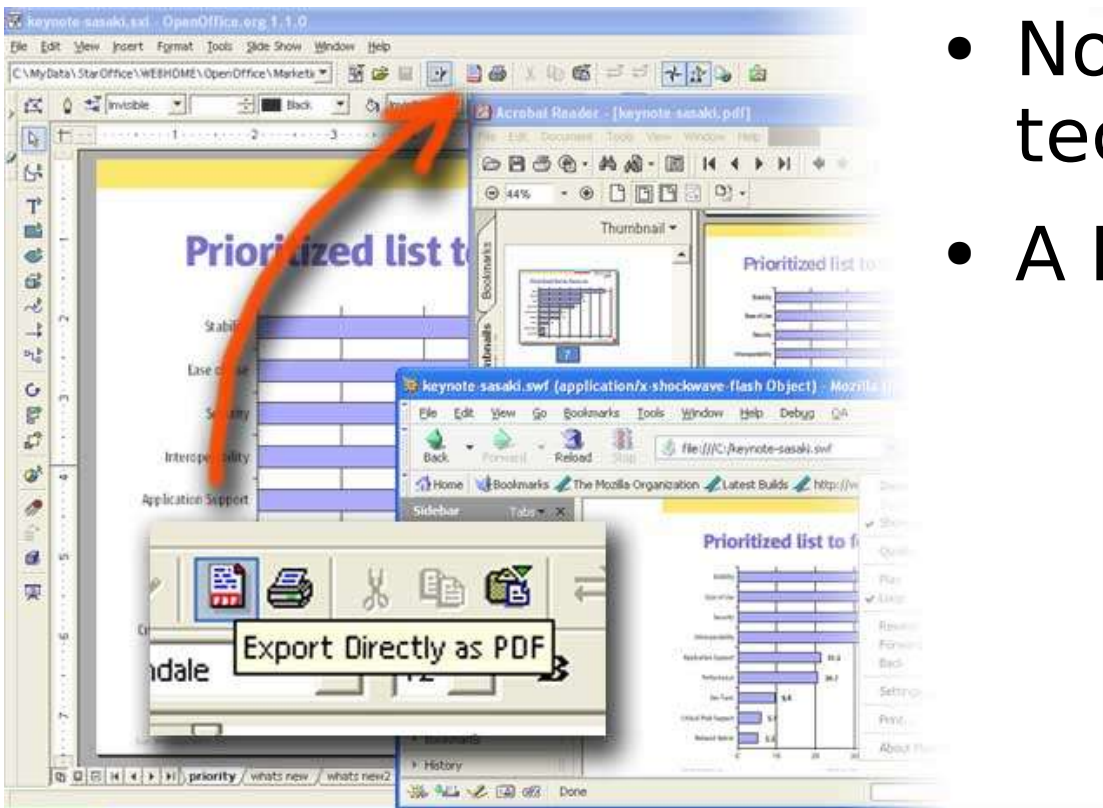


# Microsoft Office Compatibility



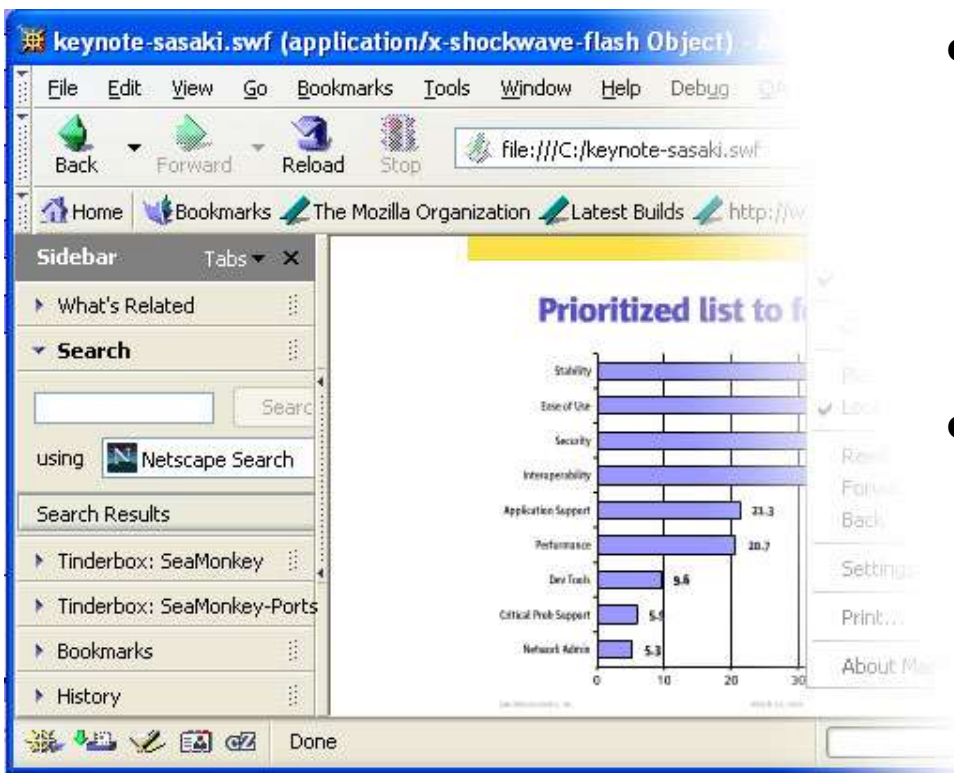
- OpenOffice.org opens and saves all current Microsoft Office file formats including
  - *Microsoft Word*
  - *Microsoft Excel*
  - *Microsoft Powerpoint*

# One-click PDF Export



- No 3rd party technology required
- A RM1,400 value

# Export to Flash (.swf)



- Presentations and drawings can be viewed in a simple browser window
- No separate viewer required – browser with the Flash plug-in is enough

# Accessibility



- High-contrast mode
- Full keyboard navigation and control
- Support for assistive technology through Java technology based access bridge software

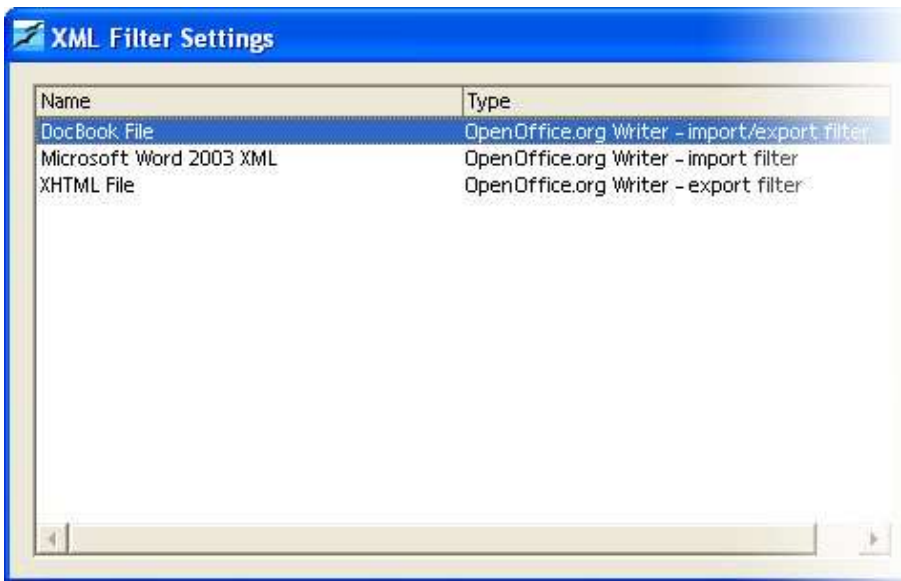
# Internationalization



- OpenOffice.org is available many languages
- OpenOffice.org can easily be translated into new languages
- Bahasa Malaysia, Tamil, Hindi, Chinese (TW/ZH), Jawi



# XML Filter Tool



- Allows to create new import and export filter for XML based file formats like Excel 2002 XML
- Uses XSL technology

# The Momentum



# Statistics



- 19,100,000 have downloaded OpenOffice.org
  - *As of August 30th, 2003*
- More than 13,300 people on the mailing lists
- 293 companies and individuals have signed the JCA
- <http://stats.openoffice.org/> - For more interesting stats

# Local Support



- atSC
  - *Support schools and Open Source community, CD distributing*
- Mimos
  - *BM Dictionary, BM Help files, [www.asiaosc.org](http://www.asiaosc.org)*
- OpenOffice.org Malaysia
  - *<http://ms.openoffice.org/>*
- Sun Microsystems

# In Schools...



- Australia
  - *Strathcona Girls Grammar, Canterbury, Victoria*
- United Kingdom
  - *Skipton Girls High School*
  - *St. Monica's Language College, Bury*
- Colombia
  - *14,000 PC's with support for Education Dept.*
  - *Several universities and vocational schools.*
- India, Spain



# Project #1



- <http://marketing.openoffice.org/education/schools/>
- Wilmslow High, in the UK burnt 50 000 CDs for schools in Malaysia
- 11 ICT Vocational students took on the task
- Included the JRE
- **Can you do this at your institution?**



# Students from Wilmslow





# La Salle



We got some pictures from:

- La Salle Sec. School
- Sultan Abdul Samad Sec. School
- Bukit Bintang Sec. Boy's School

# Project #2



- Open Source Software @ Schools
- 6-day course tailored for high schools, delivered during the school holidays to two teachers each from ten schools
- 3 days of Linux, 3 days of OpenOffice.org
- Success?
  - *We got Victoria Institution running a Linux lab, with OpenOffice.org as a replacement for Office.*

# Showing students why OOo?



- Provide lecture notes in OOo format
  - <http://www.math.umd.edu/~dcarrera/stat100/>
- Encourage them for the features such as:
  - *free education resources available out there, fits on a USB Thumb Drive (Iomega has a commercial version), can share it, its FREE!*
- Teach them:
  - *StarBASIC macro programming, database integration with OOo as a front-end, basics of OOo (or office suites)*
  - *Languages*



# ...and why not OOo for educators?



- Lack of support from the Education Ministry
- Exam database creation done via closed-source software that depends on MSOffice
  - *We worked a solution with mdbtools (<http://mdbtools.sf.net/>), and OOo*
- It's different?
  - *Remember, we must learn and teach a word processor for what it's worth and not a product*

# How to contribute



- Take part in the OpenOffice.org in Schools Initiative – started October 13<sup>th</sup> 2003
- Advocate OOo
- International Grades in Office Technology
  - <http://www.theingots.org/>
- Make free course-ware:
  - <http://www.bytebot.net/training/>
  - [fsedu.org](http://fsedu.org)
  - [www.digitaldistribution.com](http://www.digitaldistribution.com) - free sample, but payware

# The Developer Platform



- Source code available from a local mirror with full SDK capabilities
  - [http://mymirror.asiaosc.org/openoffice/stable/1.1rc4\\_sdk/](http://mymirror.asiaosc.org/openoffice/stable/1.1rc4_sdk/)
- Learn and use C++, Java & Python
  - *XML being open, people have used Ruby & Perl to manipulate files*
- Solver is included...
- OASIS
  - [http://www.oasis-open.org/committees/tc\\_home.php?wg\\_abbrev=office](http://www.oasis-open.org/committees/tc_home.php?wg_abbrev=office)

# Interesting Resources/Books



- OpenOffice.org 1.0 Resource Kit
  - <http://www.getopenoffice.org/>
- Taming OpenOffice.org Writer
  - <http://www.taming-openoffice-org.com/>
- OOoSwitch: 501 Things...
  - <http://www.hentzenwerke.com/catalogpricelists/ooo501.htm>
- <http://www.bytebot.net/openoffice/faq.html>

# OpenOffice.org Adoption by Vision 2020

