OpenOffice.org In Education

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
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*
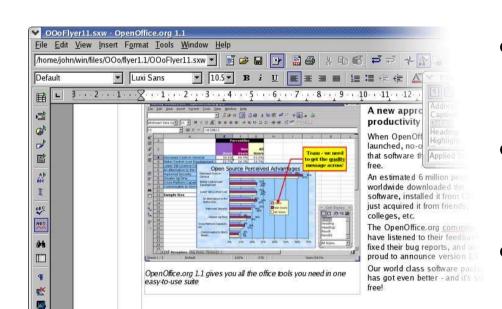
- ## Microsoft has DRM for Office 2003
  - *Illegal to reverse engineer, forces updates, sharing of documents disabled*

- ## Run's on multiple OS'es:
  - *Windows, Linux, Solaris, Mac OS X, and others...*

OpenOffice.org Writer
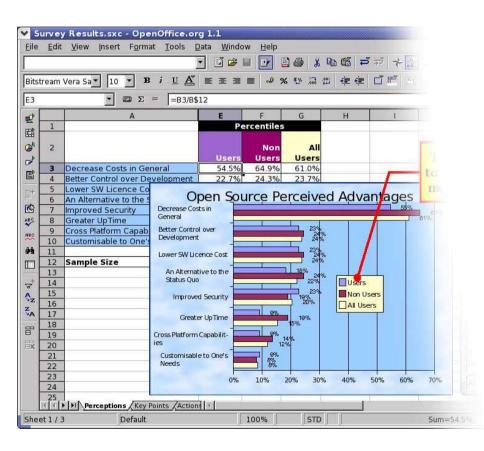
- Feature-rich easy to use word processor
- Powerful styles and formatting support
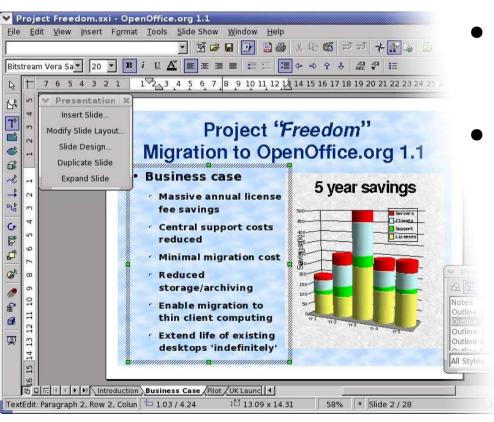- Opens and saves Microsoft Word files

OpenOffice.org Calc

- **Full spreadsheet functionality, e.g.**
  - *statistical and scientific functions*
  - *pivot tables*
  - *charts*

- **Opens and saves Microsoft Excel files**

OpenOffice.org Impress
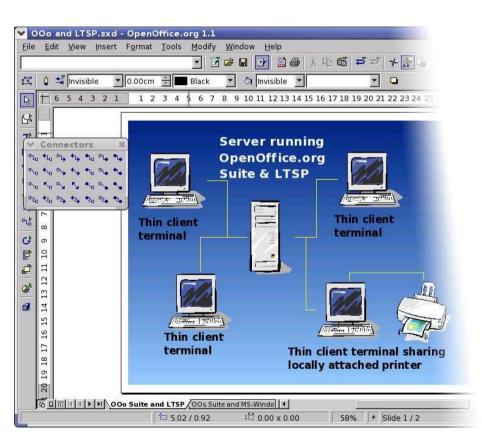
- Powerful presentation tool
- Opens and saves Microsoft Powerpoint files

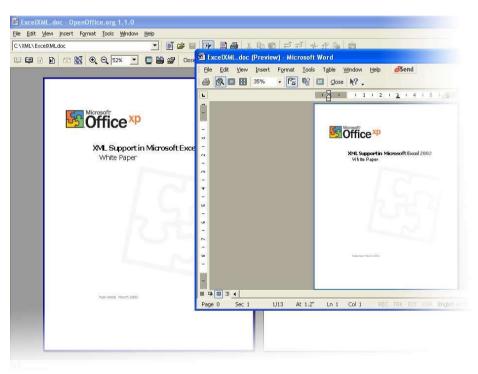# OpenOffice.org Draw

- 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*

- 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 OOo 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 13th 2003

- Advocate OOo

- International Grades in Office Technology

  - *http://www.theingots.org/*

- Make free course-ware:

  - *http://www.bytebot.net/training/*

  - *fsedu.org*

  - *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/*

- 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*

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