

The Adoption of and Migration to, OpenDocument in the Public Sector

Erwin Tenhumberg

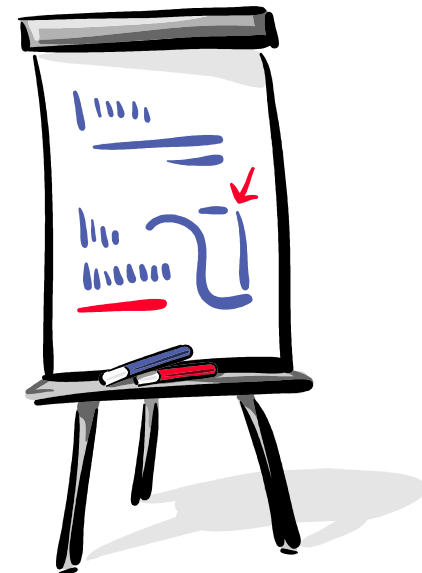
Product Marketing Manager

Client Systems Group

Sun Microsystems GmbH

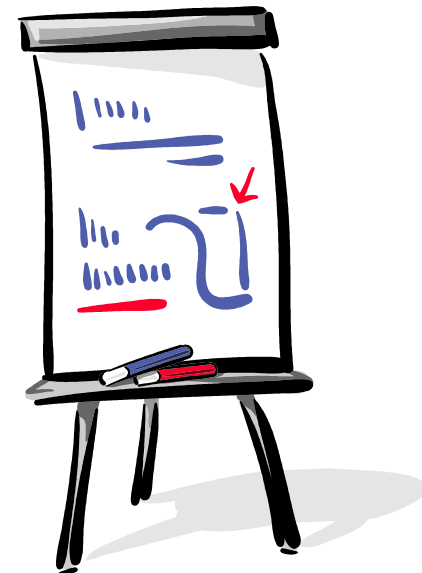
Agenda

- OpenDocument Momentum
- The OASIS Standard
- Migration to OpenDocument

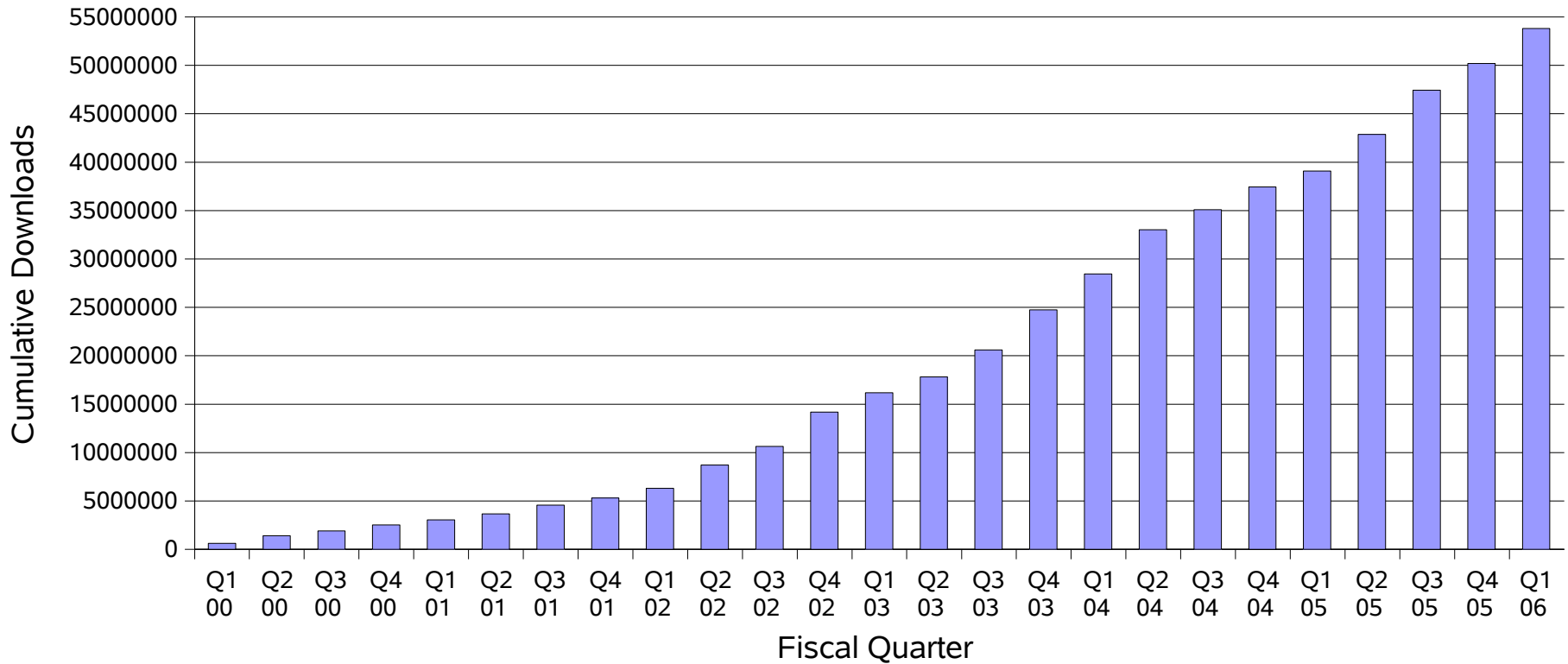


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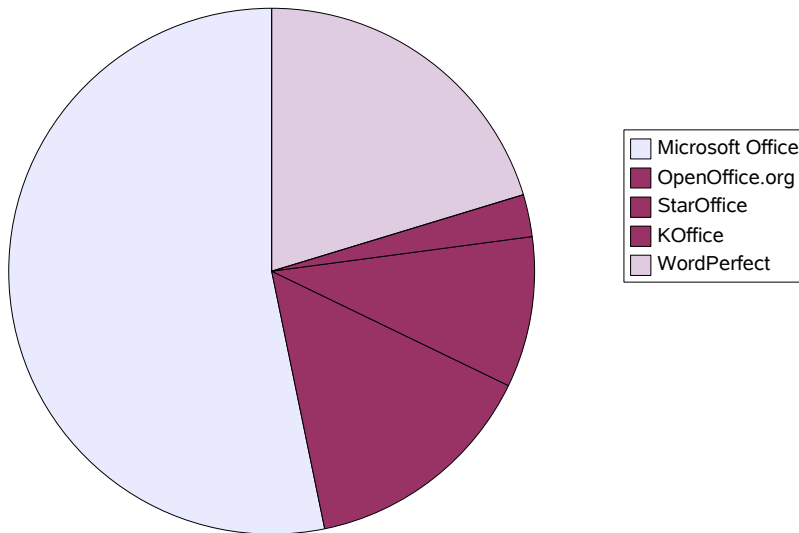
More than 50 Million Downloads



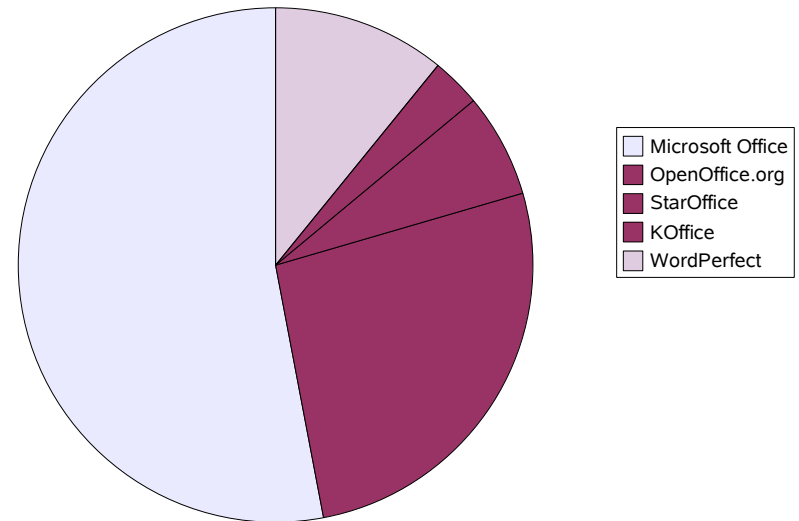
Comment: StarOffice™ Office Suite + OpenOffice.org

OpenDocument office suites are getting more and more attention

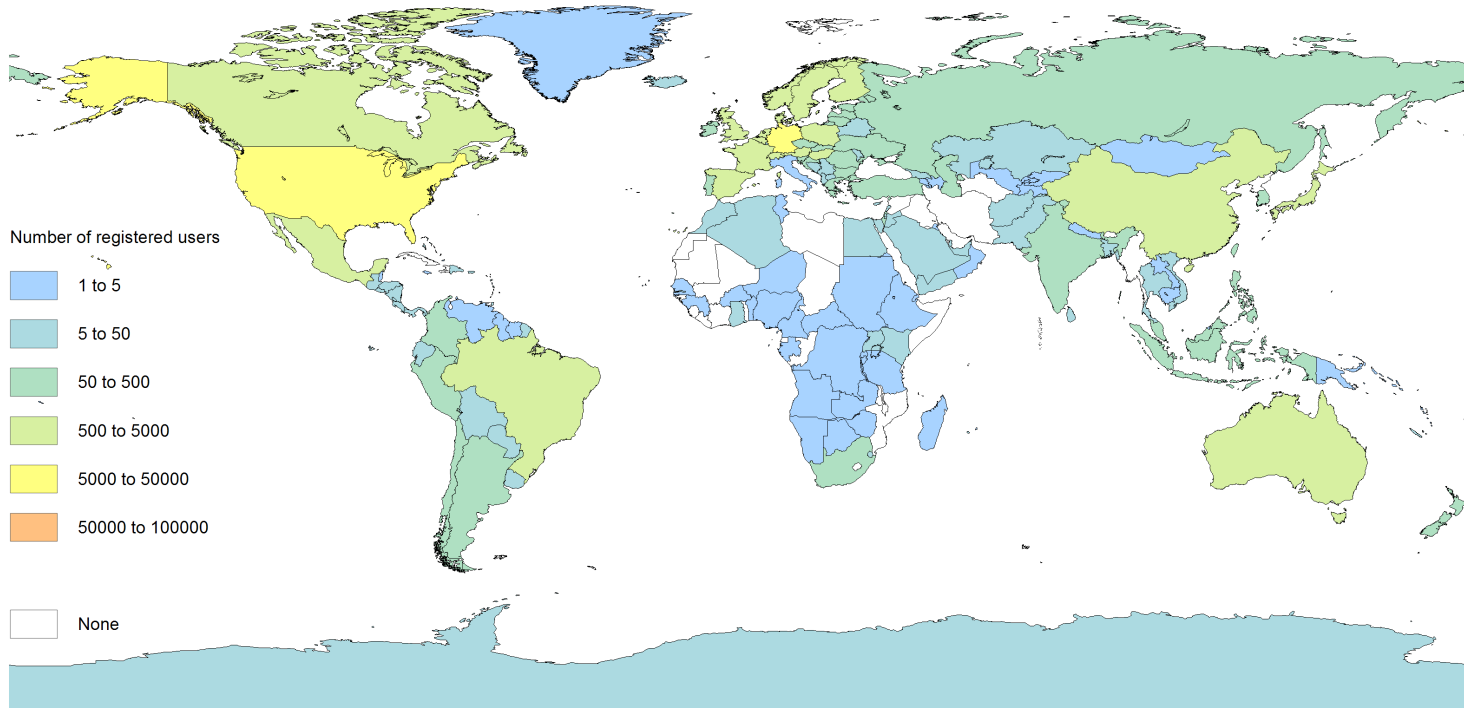
Google Searches for Office Suite Names
(e.g. "StarOffice") in Oktober 2003



Google Searches for Office Suite Names
(e.g. "StarOffice") in Oktober 2006



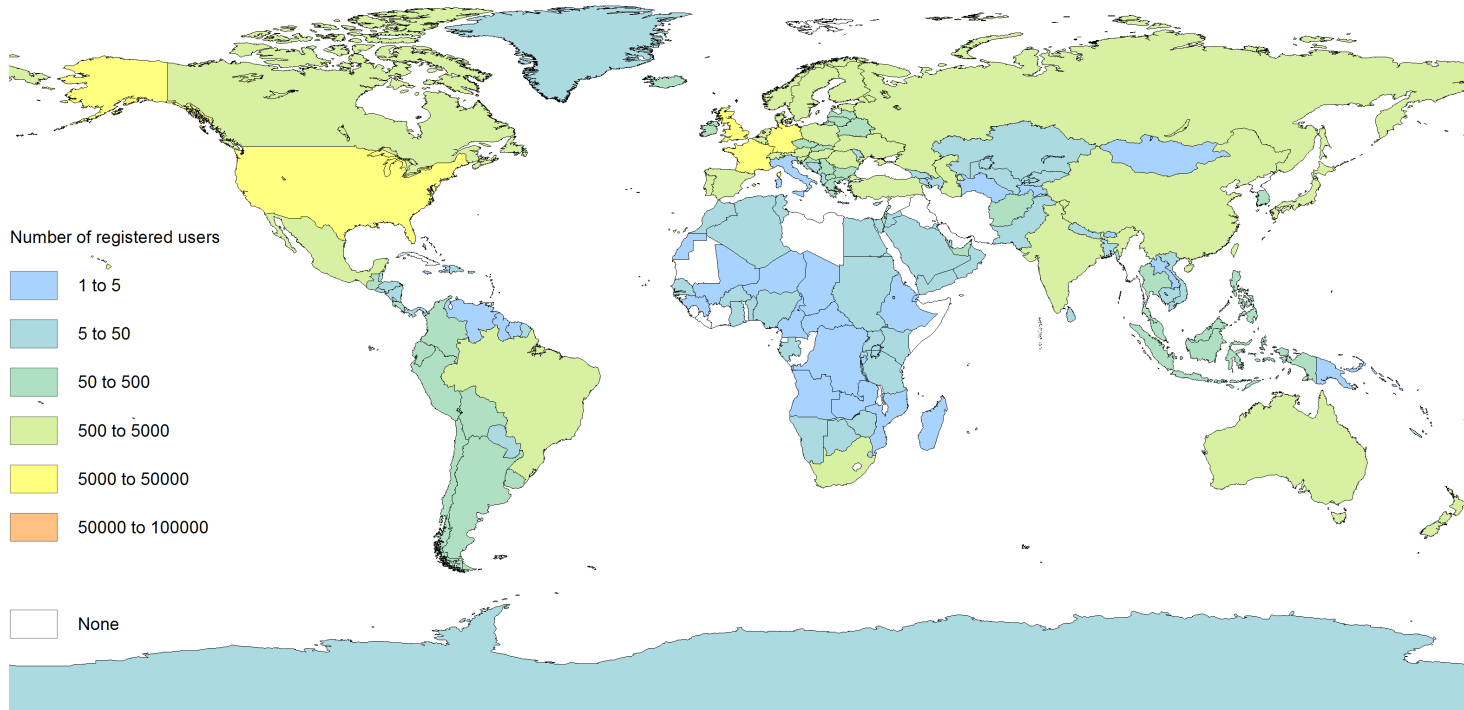
OpenOffice.org is spreading



Global usage of OpenOffice.org: 0 - 3 months

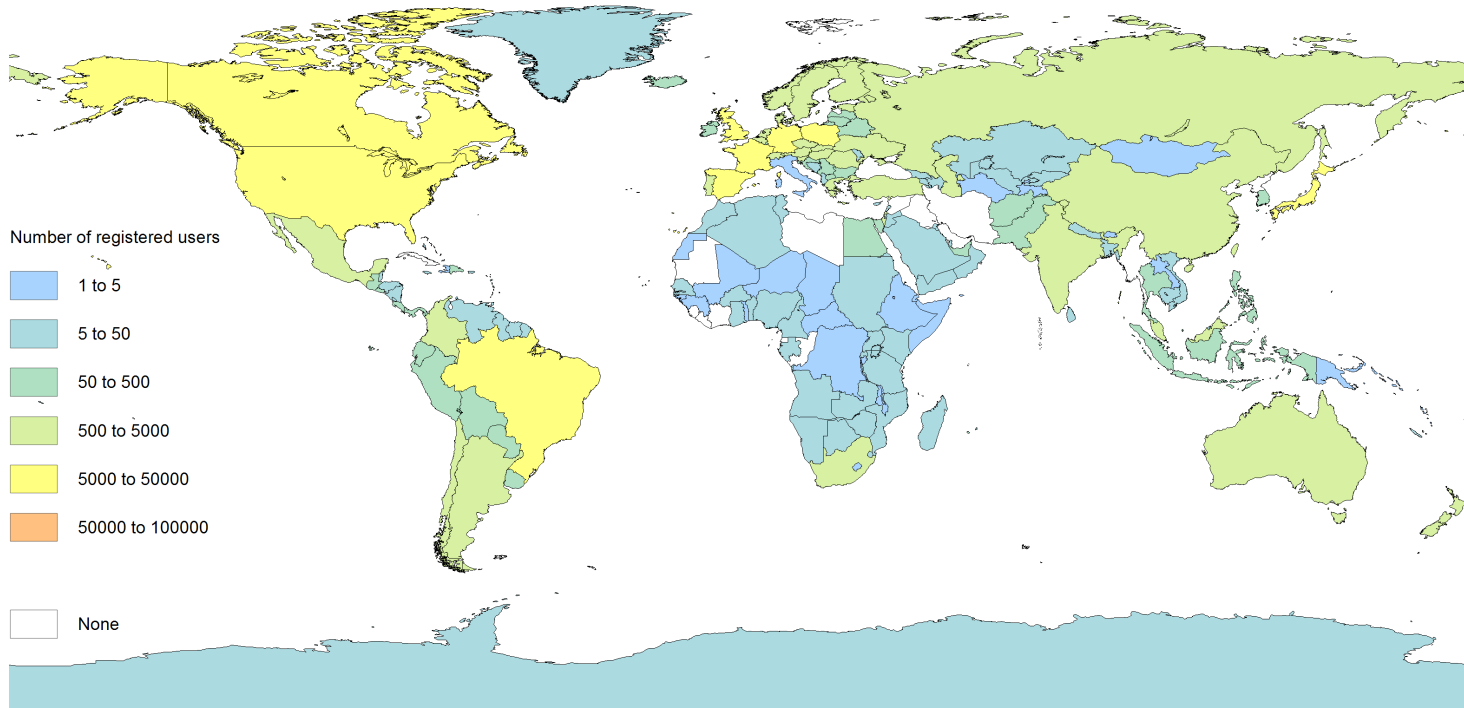
Comment: Since October 2002

OpenOffice.org is spreading



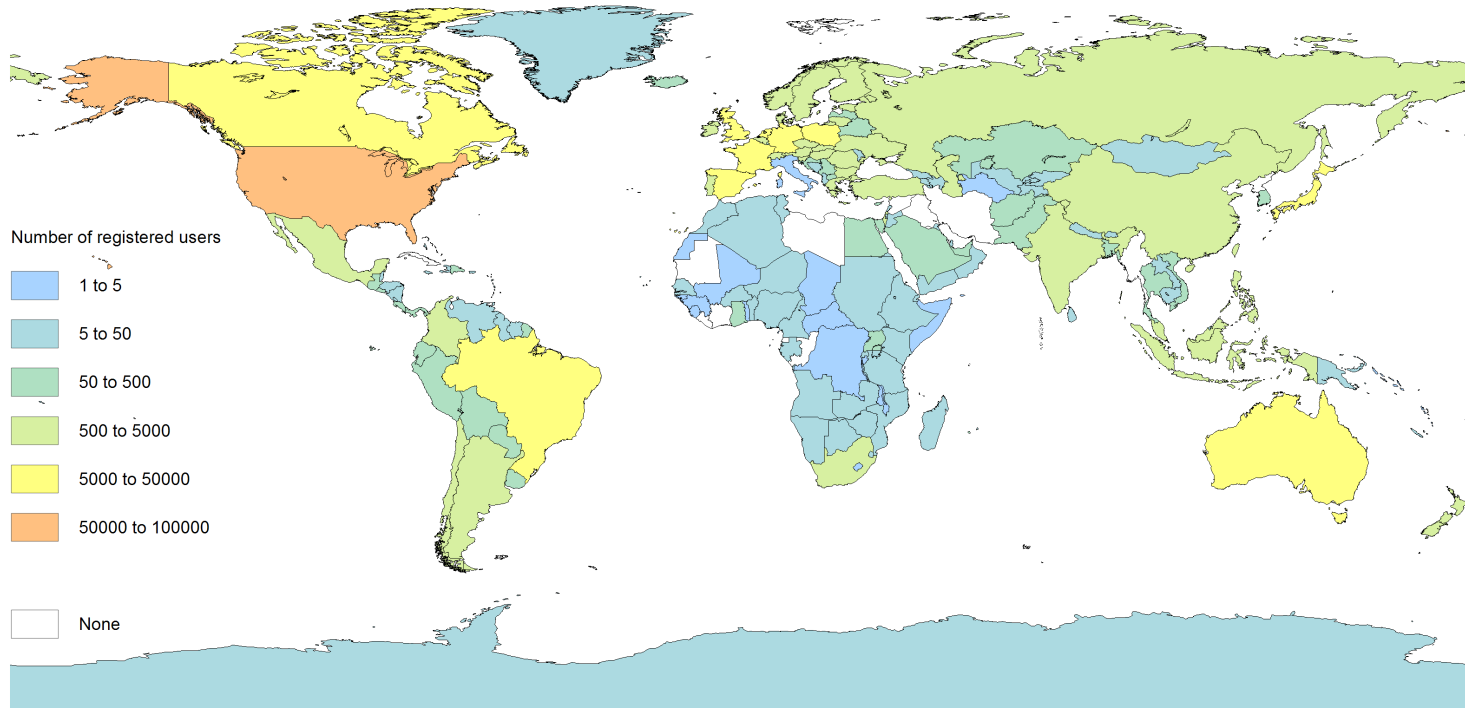
Global usage of OpenOffice.org: 0 - 6 months

OpenOffice.org is spreading



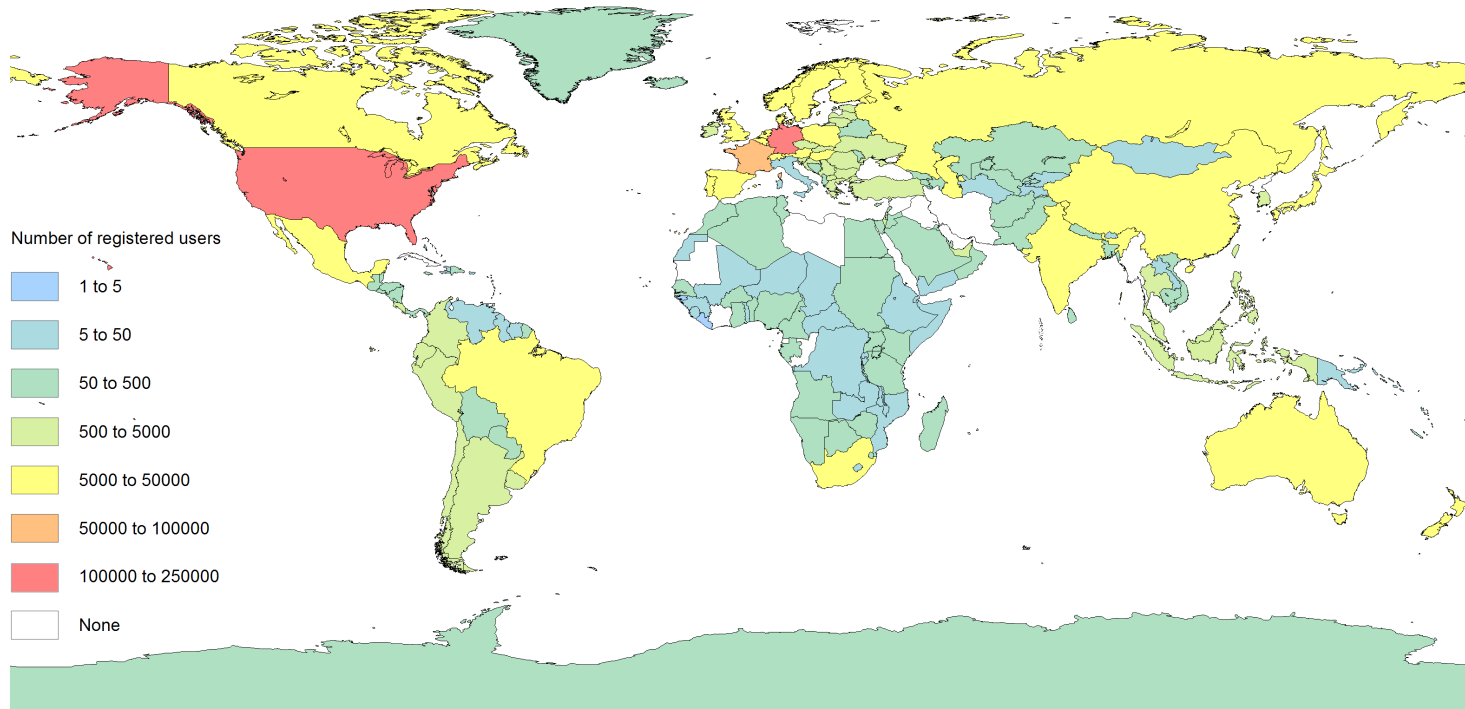
Global usage of OpenOffice.org: 0 - 9 months

OpenOffice.org is spreading



Global usage of OpenOffice.org: 0 - 12 months

OpenOffice.org is spreading



Global usage of OpenOffice.org - 2005/10/10

By the way ...

Only 15% of the world's population has
(access to) a computer yet!

Estimation based on data from:

<http://geography.about.com/cs/worldpopulation/a/mostpopulous.htm>

<http://www.infoplease.com/ipa/A0004391.html>

http://www.nationmaster.com/graph-T/peo_pop

<http://www.c-i-a.com/pr0305.htm>

OpenOffice.org Deployments in France

- Ministry of Finance
- Ministry of the Interior
- Ministry of Equipment
- Gendarmerie
- Ministry of Justice
- Ministry of Agriculture
- Ministry of Culture

=> more than 300,000 seats just in in the government sector

OpenOffice.org & StarOffice Deployments in Germany

- Regional Tax Offices
(OFD Lower Saxony & ODF Baden-Wuerttemberg)
- City of Treuchtlingen
- Police of Lower Saxony
- City of Munich
- City of Schwaebisch Hall
- City of Leonberg
- City of Isernhagen

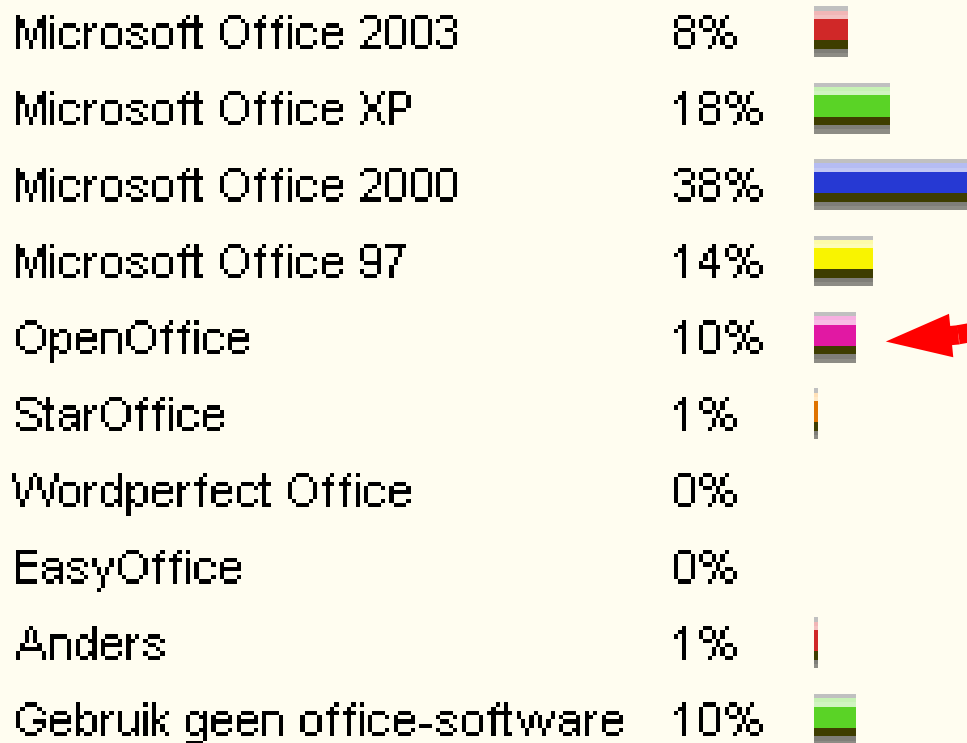
=> more than 50,000 seats just in in the government sector

Elsewhere (deployments & distribution)

- Brazil: Federal Government agencies (Gov. - 4,000 seats)
- Venezuela: Public Administration (Government - unknown # of seats)
- Austria: City of Vienna (Government – up to 18,000 seats)
- Netherlands: City of Haarlem (Government - 2,000 seats)
- Norway: City of Bergen (Education - 100 schools with 32,000 pupils)
- UK: Bristol City Council (Government – 5,000 seats)
- **India: about 7 million CD's distributed by the government**
- Singapore: Ministry of Defense (Government - 5,000 seats)
- Indonesia adopts Linux & StarOffice as national desktop
- **China: ~140,000 copies of Linux and OpenOffice.org in education**

10-21% in the Netherlands

Wat voor kantoorsoftware gebruikt u op het werk?



10% of the participants use OpenOffice.org at work. In the same survey 21% said that they use OpenOffice.org at home.

Source: webwereld.nl Online Survey 12/03 (3580 Participants)

6% in SMB

- Jupiter Research (December 2003)
- According to Jupiter Research, 6% of small and medium businesses are using OpenOffice.org. Additional 3% are planning to do so.
- Source:
http://www.infoworld.com/article/03/07/16/HNjupiter_1.html

8,5% of 140 US companies

- Forrester (March 2004)
- “Forrester's Schadler said his research team recently interviewed officials of 140 major North American companies about their software plans. Of those, 65 are using open-source applications, and 20 are planning to. And 12 of the 140 are using an open-source competitor of Office, known as OpenOffice, while eight are planning to.”
- Source:
http://www.bizreport.com/article.php?art_id=6557

19% Market Share in SMB

- “Yankee Group analyst Laura DiDio noted ...

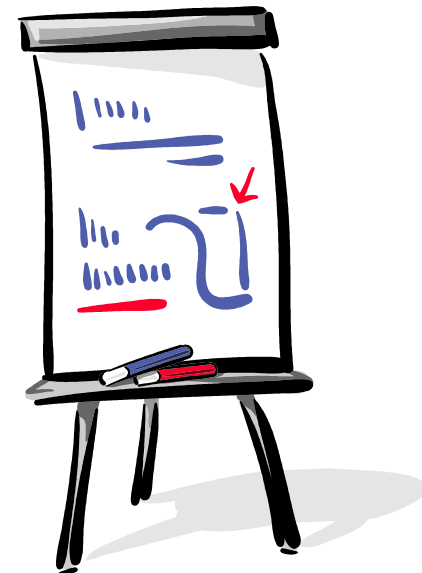
As for the popularity of OpenOffice.org, DiDio said Microsoft's Office suite dominates the market by a large margin. She did point out, though, that Sun's StarOffice open-source offering has attained a 19 percent market share among small to midsize businesses.”

- October 2005

http://www.toptechnews.com/news/OpenOffice-org-2-0-Release-Delayed/story.xhtml?story_id=03100339SMZN

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A truly open Standard



**Open Document Format for Office
Applications (OpenDocument) v1.0**

OASIS Standard, 1 May 2005

The Contributors

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Other OpenDocument Milestones

- Sun's OpenDocument patent statement
 - > September 2005
 - > Sun will not use any of its patents against an implementation of the OpenDocument specification
 - > <http://www.oasis-open.org/committees/office/ipr.php>
- OpenDocument submitted to ISO
 - > September 2005
 - > <http://lists.oasis-open.org/archives/members/200509/msg>

OASIS OpenDocument TC

- Adobe Systems
- Blast Radius Inc.
- IBM
- KOffice
- OpenOffice.org
- Society of Biblical Literature
- Sun Microsystems

The Advantages of OpenDocument

- Shared control
- Open transparent specification process
- Based on broad experience
- Various implementations
- Any vendor or user can join (incl. governments!)
- Free open source “reference implementation”

=> Choice & Competition

Some Open Standards Initiatives ...

- Argentina
- Brazil
- Chile
- China
- Denmark
- India
- Japan
- Netherlands
- Thailand

... and the most visible ones:

European Commission

<http://europa.eu.int/ISPO/ida/jsps/index.jsp?fuseAction=showDocument&parent=news&documentID=2387>

State of Massachusetts

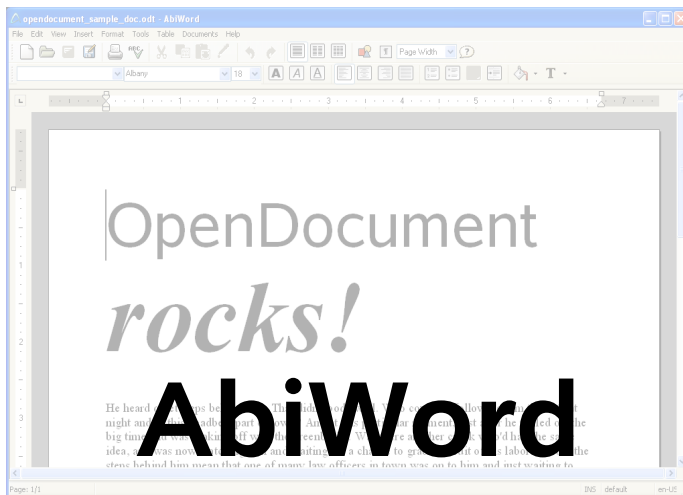
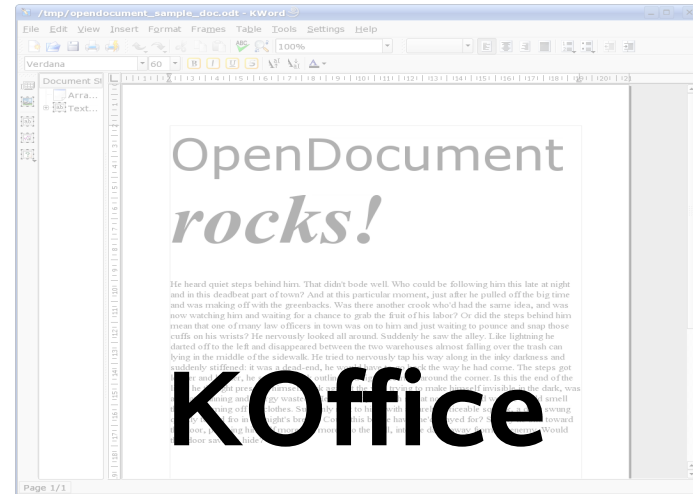
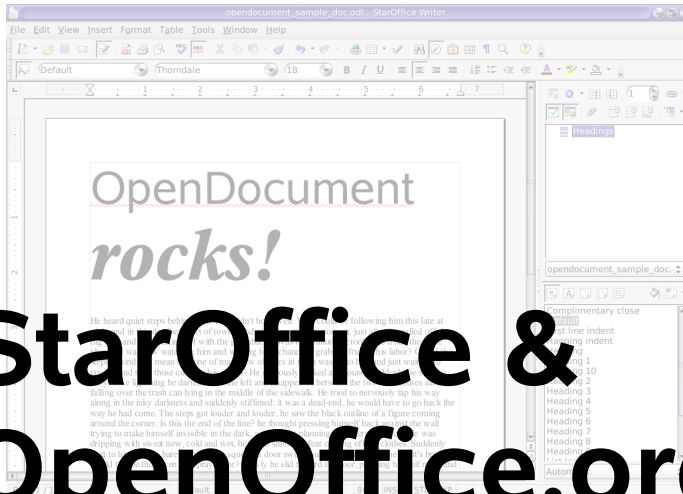
<http://www.mass.gov/Aitd/>

OpenDocument Application Support

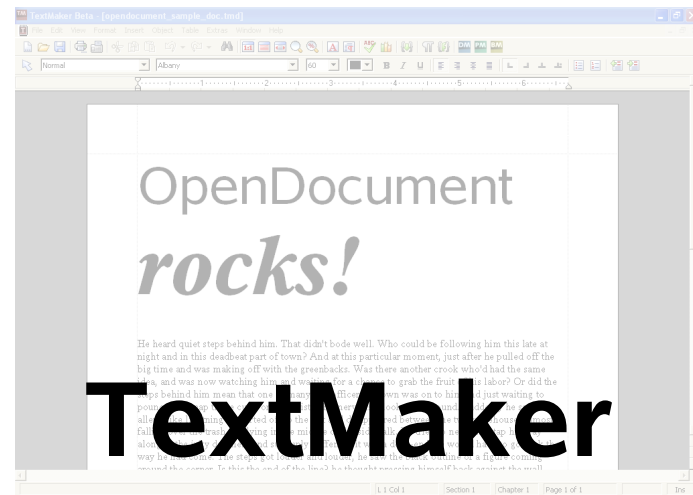
- OpenOffice.org 2.0
- StarOffice 8 Office Suite
- KOffice
- IBM Workplace
- TextMaker
- AbiWord
 - > Contributed by an R&D group belonging to Nokia

5 Office Suites – 1 open File Format

StarOffice & OpenOffice.org



AbiWord



TextMaker

First Developer Resources

- Online Book: OpenDocument Essentials:
<http://books.evc-cit.info/>
- OpenOffice.org/OpenDocument Perl Module:
<http://search.cpan.org/dist/OpenOffice-OODoc>

OpenOffice.org is more than Sun

- More than 650 Joint Copyright Assignments signed
- Some examples of corporate contributors:
 - > Sun Microsystems
 - > Novell
 - > Intel
 - > Red Hat
 - > ...

Multiple Vendors



Co-Create Office

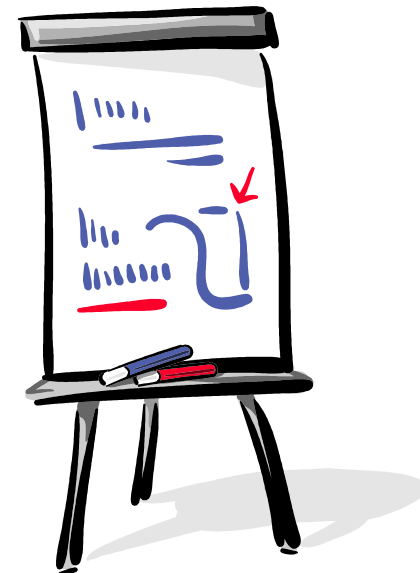


Lycoris™ Familiar. Powerful. Fun.™



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Migration & Development Tools

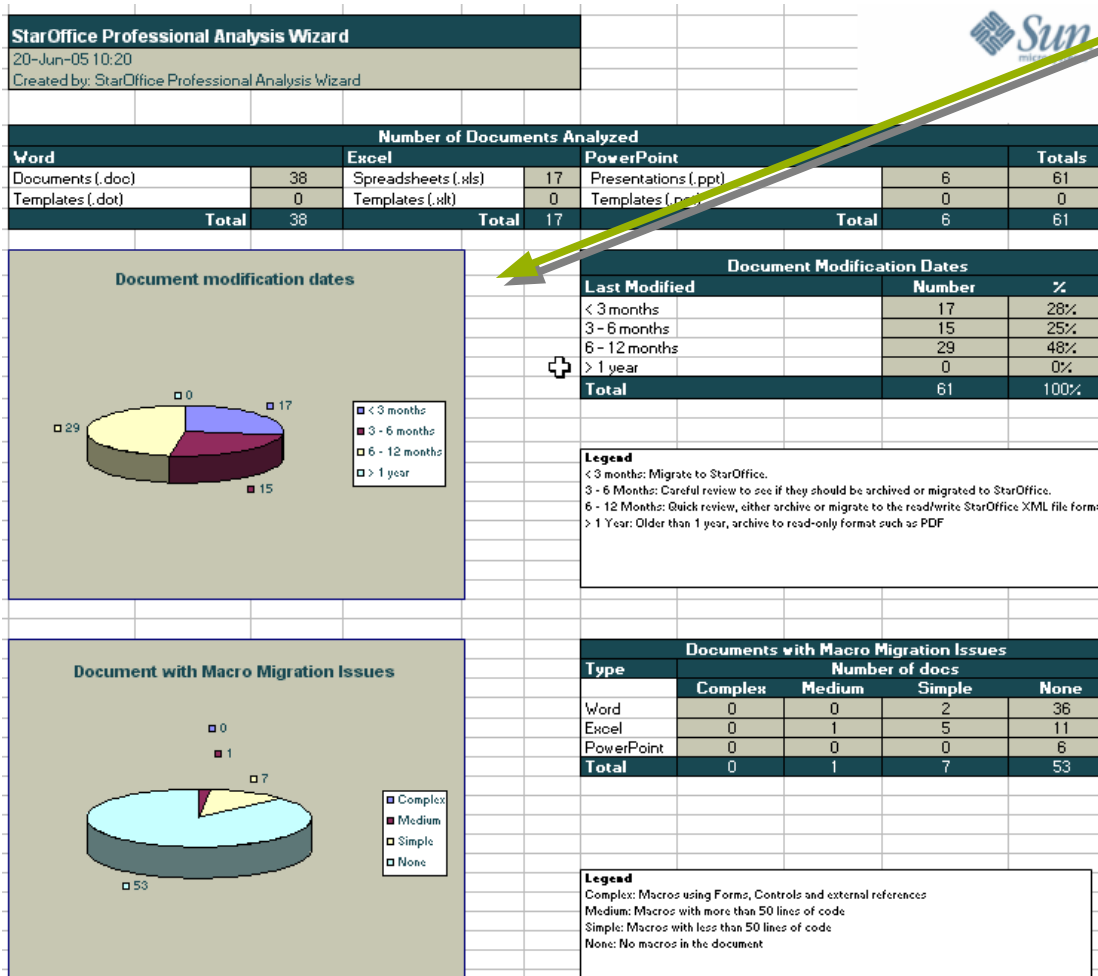


<http://development.openoffice.org>
<http://support.openoffice.org>

Migration Help from Sun

- StarOffice 8 Migration Tools
 - > Assessment & Macro Migration
- Migration Guide
- Services from Sun:
 - > Migration Planning and Assessments
 - > Document Conversion, Customization, Integration
 - > Training & User Support
- Growing Number of StarOffice Migration Partners

Migration Assessment Tool



Charts for a better overview

Modification Dates

- < 3 months
- 3 - 6 months
- 6 - 12 months
- > 1 year

Quality of macros

- Complex
- Medium
- Simple
- none

Macro Migration Tool

Microsoft Excel - ChartsDemo.xls - Tabelle1 (Code)

```

Sub CreateHistogramm_Click()
    Charts.Add
    ActiveChart.ChartType = xl3DArea
    'ActiveChart.ChartType = xl3DBarClustered
    ActiveChart.SetSourceData Source:=Worksheets("Tabelle1").Range("A2:F6")
    ActiveChart.Location Where:=xlLocationAsObject, Name:="Tabelle1"
End Sub
    
```

Monat	Hits	Dateien	Seiten	Sitzungen	Kbytes gesendet
June 2003	7658	6700	1422	103	40206
July 2003	18999	16927	3574	476	105187
August 2003	16626	14556	4345	293	73896
September 2003	31381	28008	7237	494	174205

Macro Manager

Macro name:	Run
Tabelle1.CreateHistogramm_Click	Run
Tabelle1.CreateHistogramm_Click	Run

Macros in: All Open Workbooks

Excel

BASIC - ChartsDemo.sxc.Standard - StarOffice 7

```

Const xlChartLocation_xlLocationAsObject = 2%
Const xlChartType_xl3DArea = -4098%
Sub CreateHistogramm_Click()
    Charts.Add()
    ActiveChart.ChartType = xlChartType_xl3DArea
End Sub
    
```

Monat	Hits	Dateien	Seiten	Sitzungen	Kbytes gesendet
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Macro Manager

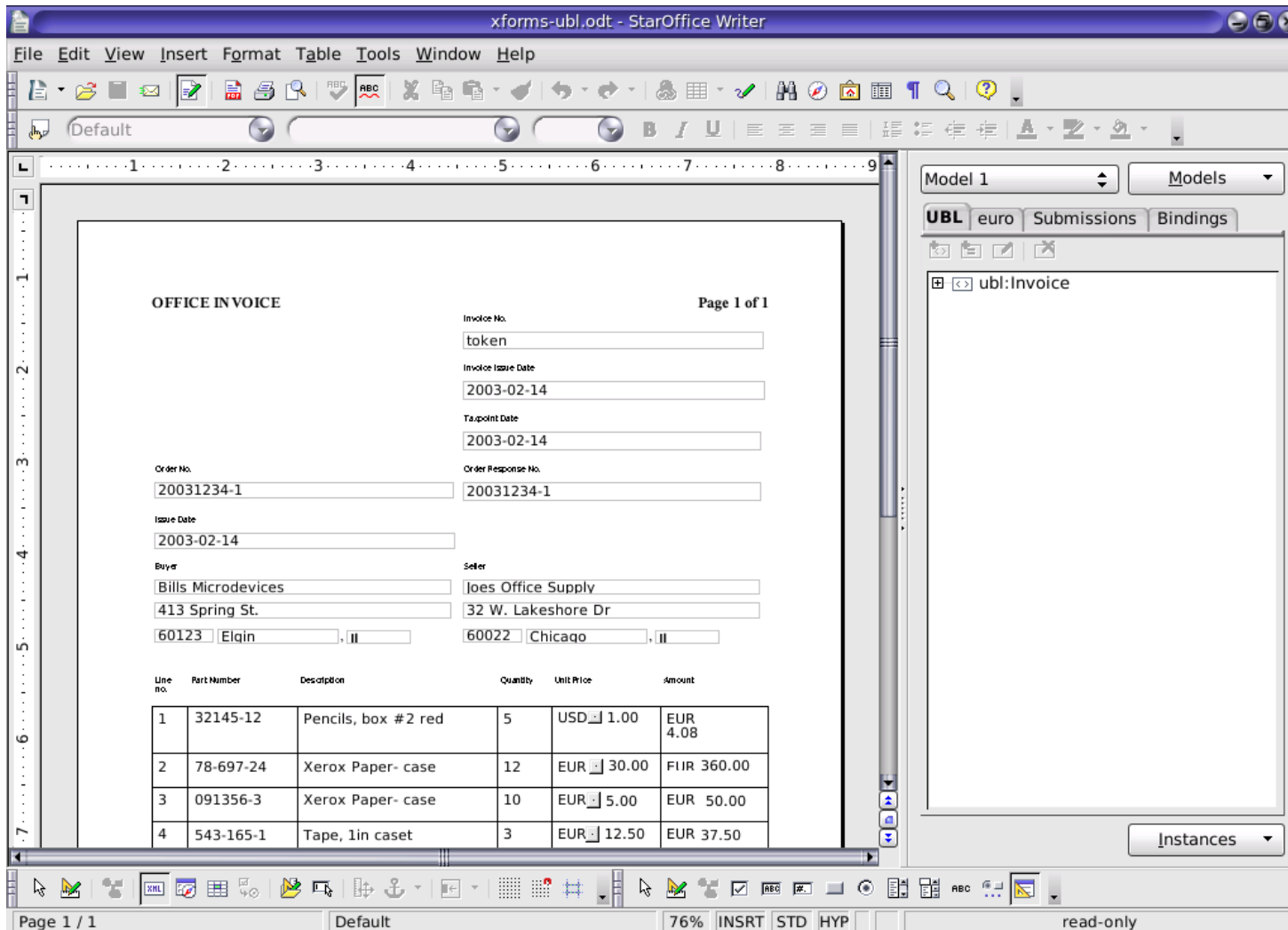
Macro name:	Run
CreateHistogramm_Click	Run

Calc

Support for OpenOffice.org & StarOffice

- List of companies offering services & support:
 - > <http://support.openoffice.org>
- OpenOffice.org/StarOffice Support by Sun:
 - > Standard Support: 12 hours, 5 days
 - > Premium Support: 24 hours, 7 days
 - > Developer Support (currently only in EMEA)

Open Standard for Forms: XForms



The screenshot shows a StarOffice Writer window titled "xforms-ubl.odt - StarOffice Writer". The main content area displays an "OFFICE INVOICE" form with the following fields:

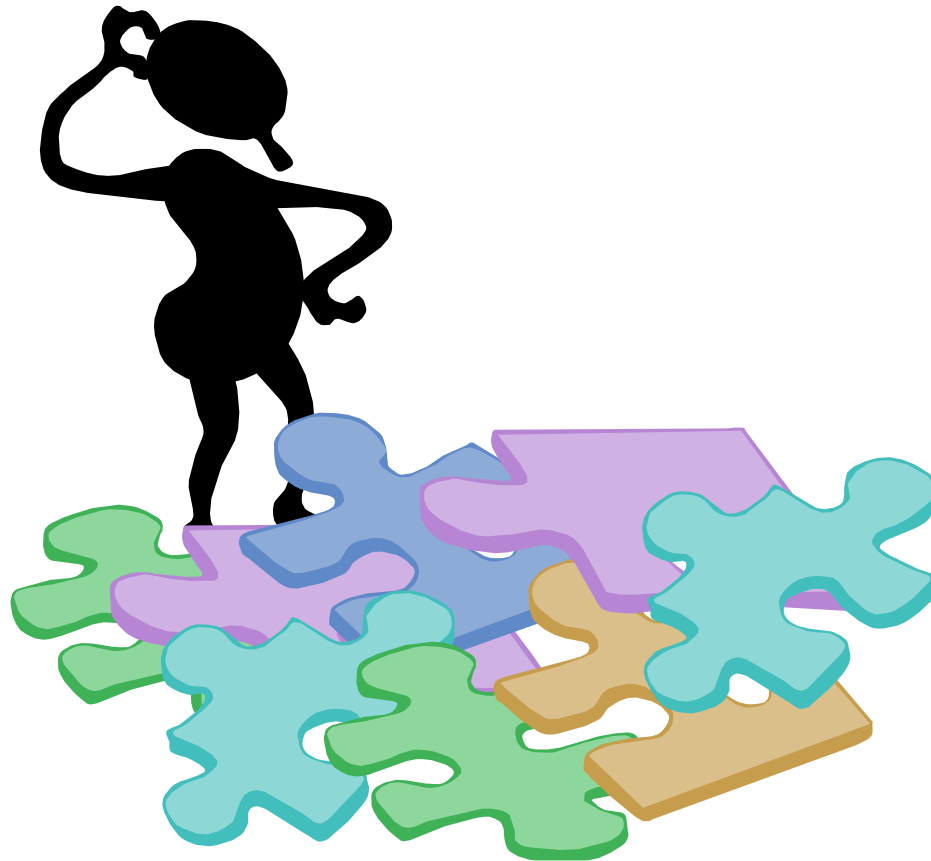
- Invoice No.: token
- Invoice Issue Date: 2003-02-14
- Taxpoint Date: 2003-02-14
- Order No.: 20031234-1
- Order Response No.: 20031234-1
- Issue Date: 2003-02-14
- Buyer: Bills Microdevices, 413 Spring St., 60123 Elgin, IL
- Seller: Joes Office Supply, 32 W. Lakeshore Dr., 60022 Chicago, IL

Below the form fields is a table with the following data:

Line No.	Part Number	Description	Quantity	Unit Price	Amount
1	32145-12	Pencils, box #2 red	5	USD 1.00	EUR 4.08
2	78-697-24	Xerox Paper- case	12	EUR 30.00	EUR 360.00
3	091356-3	Xerox Paper- case	10	EUR 5.00	EUR 50.00
4	543-165-1	Tape, 1in casset	3	EUR 12.50	EUR 37.50

The right sidebar shows the "Model 1" pane with "UBL euro Submissions Bindings" and a tree view containing "ubl:Invoice". The status bar at the bottom indicates "Page 1 / 1", "Default", "76% INSRT STD HYP", and "read-only".

What questions do you have for me?



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