



**MALAYSIAN PUBLIC SECTOR
OPEN SOURCE SOFTWARE (OSS)
PROGRAMME**

**FEATURE COMPARISON BETWEEN
OpenOffice.org 2.x
AND
OpenOffice.org 3.x**

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Feature comparison between OpenOffice.org 2.4x and OpenOffice.org 3.x

1.0 Specifications of Test Machine

Processor Type	: Intel Pentium D 3.2 GHz (Dual-Core)
Memory Size	: 1 Gigabyte DDRAM 2
Operating System	: OpenSUSE 11.1 with Linux kernel 2.6.27.7-9
Desktop Environment	: GNOME 2.24.1
OpenOffice.org Versions used	: Sun OpenOffice.org 2.4.2 and Sun OpenOffice.org 3.0.1
Java Runtime used	: OpenJDK Runtime Environment (build 1.6.0_0-b11)

2.0 Comparison Methodology

- Both versions of OpenOffice.org source installation packages were downloaded from Sun Microsystems' OpenOffice.org website, <http://www.openoffice.org>. For OpenOffice.org 3.0.1 the package name is OOO_3.0.1_LinuxIntel_install_en-US.tar.gz and version 2.4.2 the package name is Ooo_2.4.2_LinuxIntel_install_en-US.tar.gz
- Both versions of OpenOffice.org are installed with default packages minus any KDE, non-SUSE Menu and non-English specific packages.
- Both versions of OpenOffice.org are installed using RPM (“RPM Package Manager”) packages.
- Information obtained from:
 - <http://www.oooninja.com/2008/03/openofficeorg-30-new-features.html>
 - http://www.openoffice.org/dev_docs/features/3.0/
 - Feedback from OpenOffice.org developers from the #go-oo channel in the Freenode server.
 - Manual verification i.e. installation of both OpenOffice.org 2.4.2 and 3.0.1 and doing a side-by-side comparison
 - Usage experience; the author has been using OpenOffice.org since version 1.0 i.e. since year 2000
- The feature comparisons documented here represent the most obvious and important features and not a 100% feature-sets

comparisons.

3.0 Feature Comparison

	OpenOffice.org 2.4x	OpenOffice.org 3.x
Readable data file format supported i.e. importable file format (<i>Category only and does not include individual files e.g. *.doc, *xls etc.</i>)	<ul style="list-style-type: none"> • MS Office documents versions up to 2003 • MS Office document templates versions up to 2003 • NA • NA • UNIX Text File • DOS Text File • Rich Text Format • HTML • DocBook XML • ODF 1.1 documents • ODF 1.1 document templates • OpenOffice.org 1.x documents • OpenOffice.org 1.x document templates • StarOffice documents versions up to 5.x • StarOffice document templates versions up to 5.x • Lotus 123 (with Calc) • Quatro Pro (with Calc) • Lotus WordPro (with Writer) • WordPerfect up to version 2000 • Dbase File (dbf, with Calc) • Database Interchange File (dif) 	<ul style="list-style-type: none"> • MS Office documents versions up to 2003 • MS Office document templates versions up to 2003 • MSOOXML • MS Office document templates versions up to 2007 • UNIX Text File • DOS Text File • Rich Text Format • HTML • DocBook XML • ODF 1.1 and 1.2* documents • ODF 1.1 and 1.2 document templates • OpenOffice.org 1.x documents • OpenOffice.org 1.x document templates • StarOffice documents versions up to 5.x • StarOffice document templates versions up to 5.x • Lotus 123 (with Calc) • Quatro Pro (with Calc) • Lotus WordPro (with Writer) • WordPerfect up to version 2000 • Dbase File (dbf, with Calc)

	OpenOffice.org 2.4x	OpenOffice.org 3.x
	<ul style="list-style-type: none"> • Ichitaro documents up to version 11 • Ichitaro document templates up to version 11 • Hangul WP 97 • AportisDoc (Palm) • Text CSV • SYLK (slk file) • MathML (mml file) • AutoCAD Interchange Format (DXF file) • JPG, JPEG, PBM, PNG, CGM, PCD, PCT, PPM, PGM, PCX, PSD, PPM, RAS, TGA, TIFF, EMF, EMS, SGV, SGF, WMF, SVM, BMP, GIF, MET, XBM, XPM • NA • NA • NA <p>Total File Types: 53</p>	<ul style="list-style-type: none"> • Database Interchange File (dif) • Ichitaro documents up to version 11 • Ichitaro document templates up to version 11 • Hangul WP 97 • AportisDoc (Palm) • Text CSV • SYLK (slk file) • MathML (mml file) • AutoCAD Interchange Format (DXF file) • JPG, JPEG, PBM, PNG, CGM, PCD, PCT, PPM, PGM, PCX, PSD, PPM, RAS, TGA, TIFF, EMF, EMS, SGV, SGF, WMF, SVM, BMP, GIF, MET, XBM, XPM • SVG (Scalable Vector Graphics) • Unified Office Format (uof) • T602 Document <p>Total File Types : 62</p>
Writeable data file format supported i.e. exportable/savable file format (Category only and does not include individual files e.g. *.doc, *xls etc.)	<ul style="list-style-type: none"> • MS Office versions up to 2003 • UNIX Text File • DOS Text File • MediaWiki Text File • Rich Text Format • HTML • XHTML • LaTeX 	<ul style="list-style-type: none"> • MS Office versions up to 2007 • UNIX Text File • DOS Text File • MediaWiki Text File • Rich Text Format • HTML • XHTML • LaTeX

	OpenOffice.org 2.4x	OpenOffice.org 3.x
	<ul style="list-style-type: none"> • BiBTeX • ODF 1.1 documents • ODF 1.1 document templates • OpenOffice.org 1.x documents • OpenOffice.org 1.x document templates • StarOffice documents versions up to 5.x • StarOffice templates versions up to 5.x • DocBook XML • Pocket Word (from Writer) • Pocket Excel (from Calc) • dBase (dbf, from Calc) • Flash (export to swf, from Impress) • AportisDoc (Palm) • Adobe PDF • NA • NA <p>Total file types : 21</p>	<ul style="list-style-type: none"> • BiBTeX • ODF 1.1 and 1.2 documents • ODF 1.1 and 1.2 document templates • OpenOffice.org 1.x documents • OpenOffice.org 1.x document templates • StarOffice versions up to 5.x • StarOffice templates versions up to 5.x • DocBook XML • Pocket Word (from Writer) • Pocket Excel (from Calc) • dBase (dbf, from Calc) • Flash (export to swf, from Impress) • AportisDoc (Palm) • Adobe PDF • PDF A/F-1 • Unified Office Format** (uof) <p>Total file types : 23</p>
Support for pre-Windows 2000	YES	NO
Extensible feature set via extensions	YES	YES
Digital Signature for documents	YES	YES (only for ODF 1.2 documents)
Requires JAVA runtime for running	NO	NO (required for Base, SVG export components)
Check for extension updates	NO	YES
Securing PDF export (passwords,	NO	YES

	OpenOffice.org 2.4x	OpenOffice.org 3.x
encryption, etc.)		
Exporting PDF with notes and links intact	NO	YES
Exporting document to the PDF A/1 Open Standards format.	NO	YES
GStreamer ^{***} support	NO	YES
Charting – custom error bars, regression equation	NO	YES
VBA For Excel can be set to executable	NO	YES
Mac OS X native Windowing support	NO	YES
Writer – Able to change different languages for each paragraphs	NO	YES
Writer – Multi-page view during editing	NO	YES
Writer – Notes displayed in different colours from different annotator.	NO	YES
Calc – Maximum 1024 columns	NO (maximum only 256 columns)	YES
Calc – Sharing of worksheets	NO	YES
Calc – Availability of Solver	NO	YES
Calc – Glass coloured column header	NO	YES
Calc – Availability to add/remove	NO	YES

	OpenOffice.org 2.4x	OpenOffice.org 3.x
Solver engine as extensions		
Calc – Importing CSV - the text-to-columns feature allows splitting up the fields into separate columns.	NO	YES
Impress – Creating Native tables	NO	YES
Impress – Coloured Slide layout preview	NO	YES
Impress – Inserting picture slide as background	NO	YES
Draw – Image cropping	NO	YES
Draw – maximum page size 300cm x 300cm	NO	YES

*ODF version 1.2 is the latest version of the ODF and is the default version with OpenOffice.org version 3.x. OpenOffice.org 2.x uses ODF version 1.1 as the default file format.

**Unified Office Format or Uniform Office Format is a Chinese developed office productivity suite data format that is similar to ODF. It is an open format and XML-based that was initially developed as an alternative to the dominant Microsoft Office suite data format.

***GStreamer is a cross-platform multimedia platform, it is primarily used in the Linux platform's GNOME desktop environment.