

The Importance of the Document Format to the Government Task

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ODF ALLIANCE***



-What's an open document?

-What's ODF?

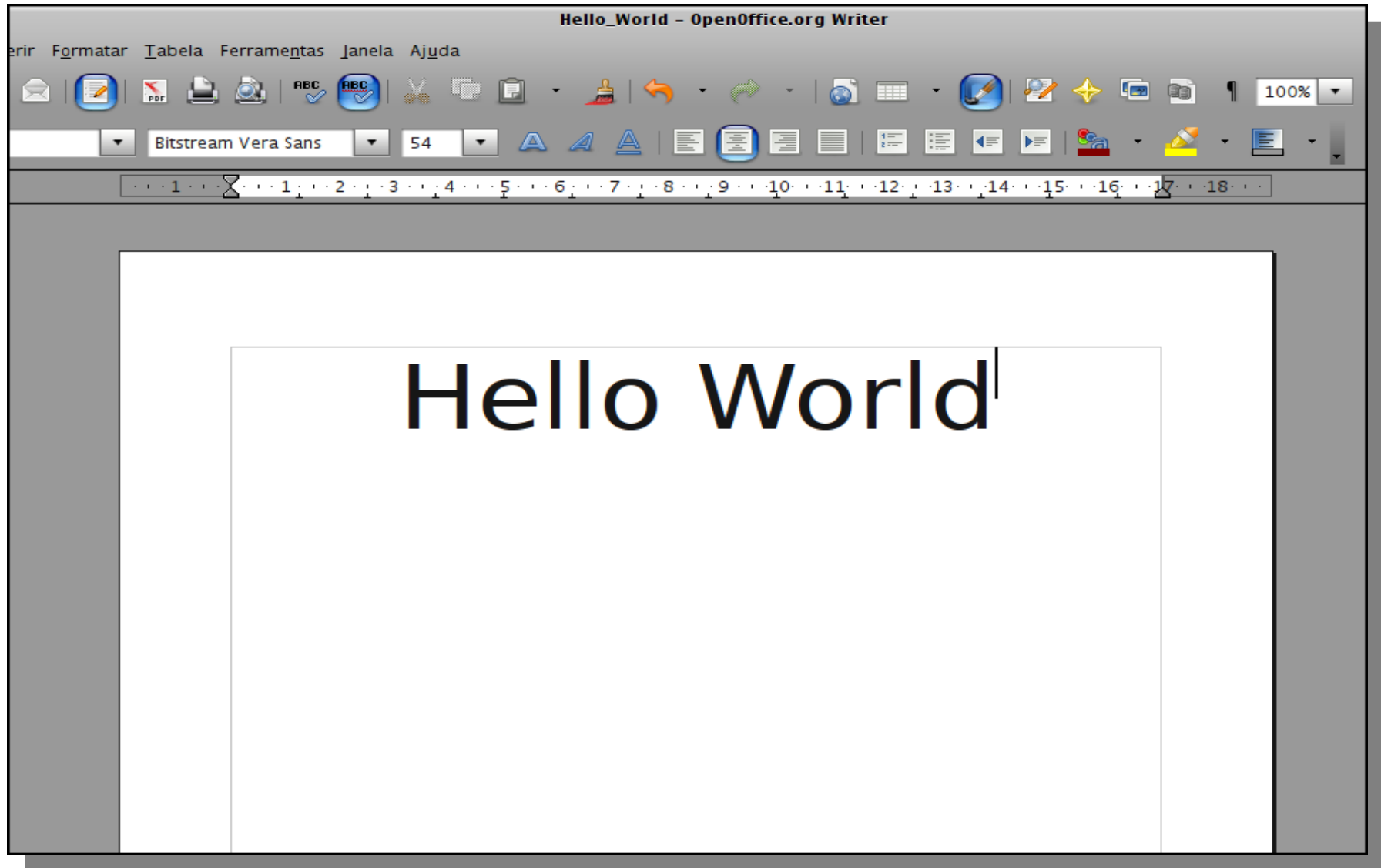
-Why ODF? The importance of OpenDocument to the government task.

-Who's using ODF?

-Microsoft and ODF

-How to free your documents? Advice for governments.

OFFICE SUITE



Hello World

CLOSED

BINARY DOCUMENT (.DOC)

```
10100101001010101010010  
00101101001101001010110  
01101001011011101000100  
11000010110100100101011  
01001010101001011010100  
01001010110110101000101  
01001010110111101101010
```

OPEN

ODF DOCUMENT (.ODT)

```
<office:body>  
  <office:text>  
    <text:p>Hello World</text:p>  
  </office:text>  
</office:body>
```

Open Standard for Doc Formats Checklist

- Fully published and available freely or at nominal charge
- IPR irrevocably available on royalty-free basis
- Developed, approved and maintained by an open organization in inclusive, transparent process
- Fully implemented in multiple, competing products
- Interoperable on multiple platforms and applications
- Other “open” standards: TCP/IP, HTML

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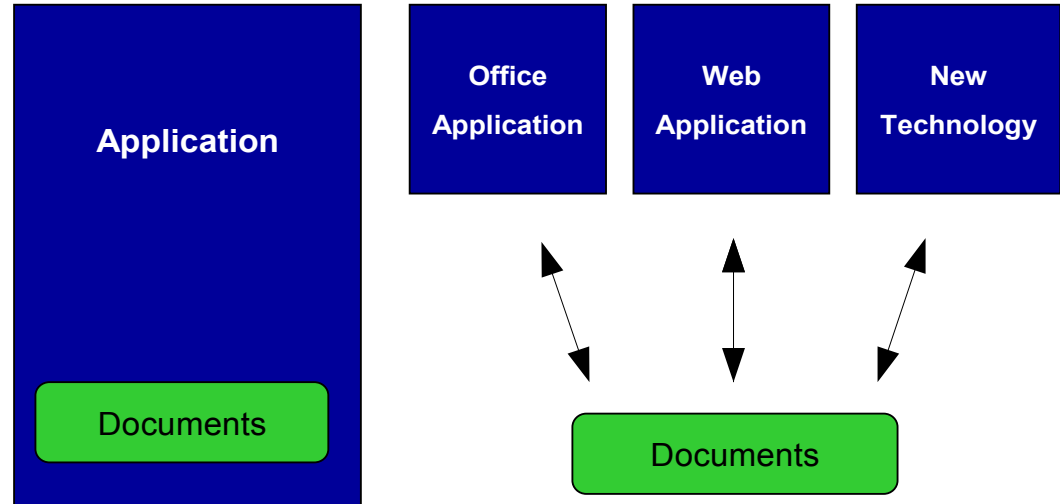
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- **Open:** Only open, ISO-approved XML-based specification for displaying and storing data files – text (.odt), spreadsheets (.ods), presentations (.odp)
- **Vendor-Neutral:** Not dominated or tied to a single vendor
- **Innovative & Feature-Rich:** Evolving to meet market needs: accessibility (v1.1); digital signature, metadata, formula (v1.2)
- **Future-Proof:** Perpetual access to document irrespective of application creating it
- **Interoperable:** Supported in 50+ applications including OpenOffice, Google Docs, Koffice, IBM Symphony, StarOffice, Adobe Buzzword, Zoho, AbiWord
- **Preferred by Government:** Recommended or required for use by 17 national and 8 provincial governments

ODF— Gaining Control of Your Own Documents & Records



Old Proprietary Style

- Documents are “locked in” to the application that created them..
- Control is with the software developer not the customer.

New Open Standards Style

- Documents are “freed” by using open standards.
- Multiple applications can create and access documents interchangeably.
- Customers are in control not the software provider.

ODF's Future

- ISO/IEC 26.300 standard was based on ODF 1.0
- Current most updated version approved by OASIS is 1.1 (accessibility)
- Version 1.2 (new features):
 - Metadata: RDF/XML and OWL (*Web Ontology Language*)
 - Digital Signature: XMLDSig, extensible using XADES (ETSI)
 - OpenFormula: http://wiki.oasis-open.org/office/About_OpenFormula
- OASIS ODF Interop & Conformance TC (OIC)
 - “Plugfest”: The Hague (June 2009) and Orvieto, Italy (Nov 2009)
- ODF Toolkit home for libraries
- ODF-Next SC:
 - <http://www.oasis-open.org/apps/org/workgroup/office-requirements/>

ODF, Open Standards and Open Source

- **Open source**

Open source is actual software **code** defined by its collaborative development, accessibility of code, and distribution: shared/distributed freely; licensed on non-discriminatory basis to allow use, modification, reproduction; and peer reviewed. Relies on open standards to achieve interoperability.

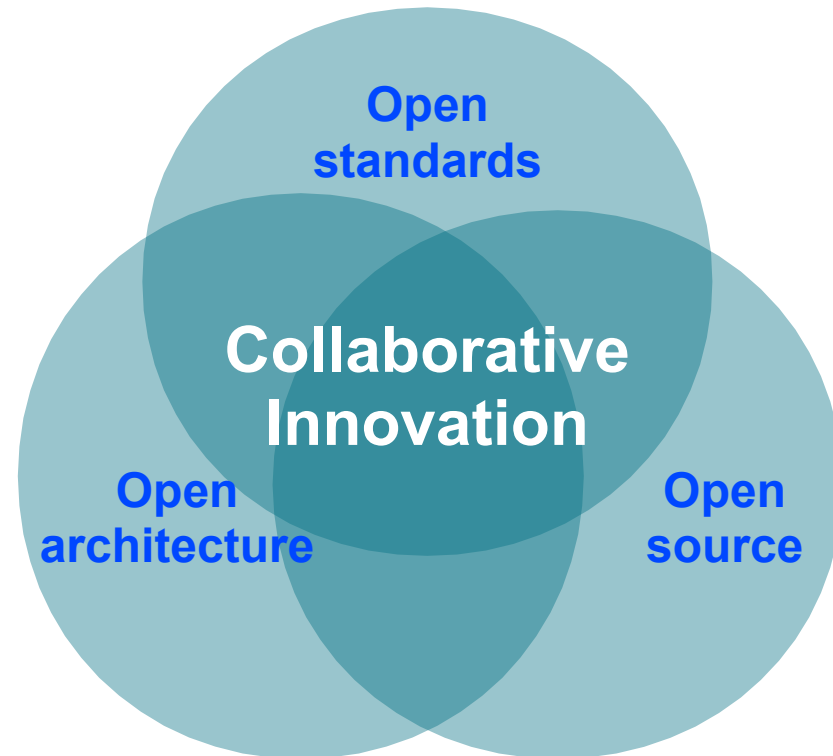
- **Open standards**

Blueprints enabling interoperability among diverse applications, platforms, and devices. No individual or company controls the standard.

- **Open document formats**

An example of an open standard, used for displaying and storing data files that can be implemented by any developer; encourages multiple competing implementations on multiple platforms; enables long-term independent of application.

Open Computing



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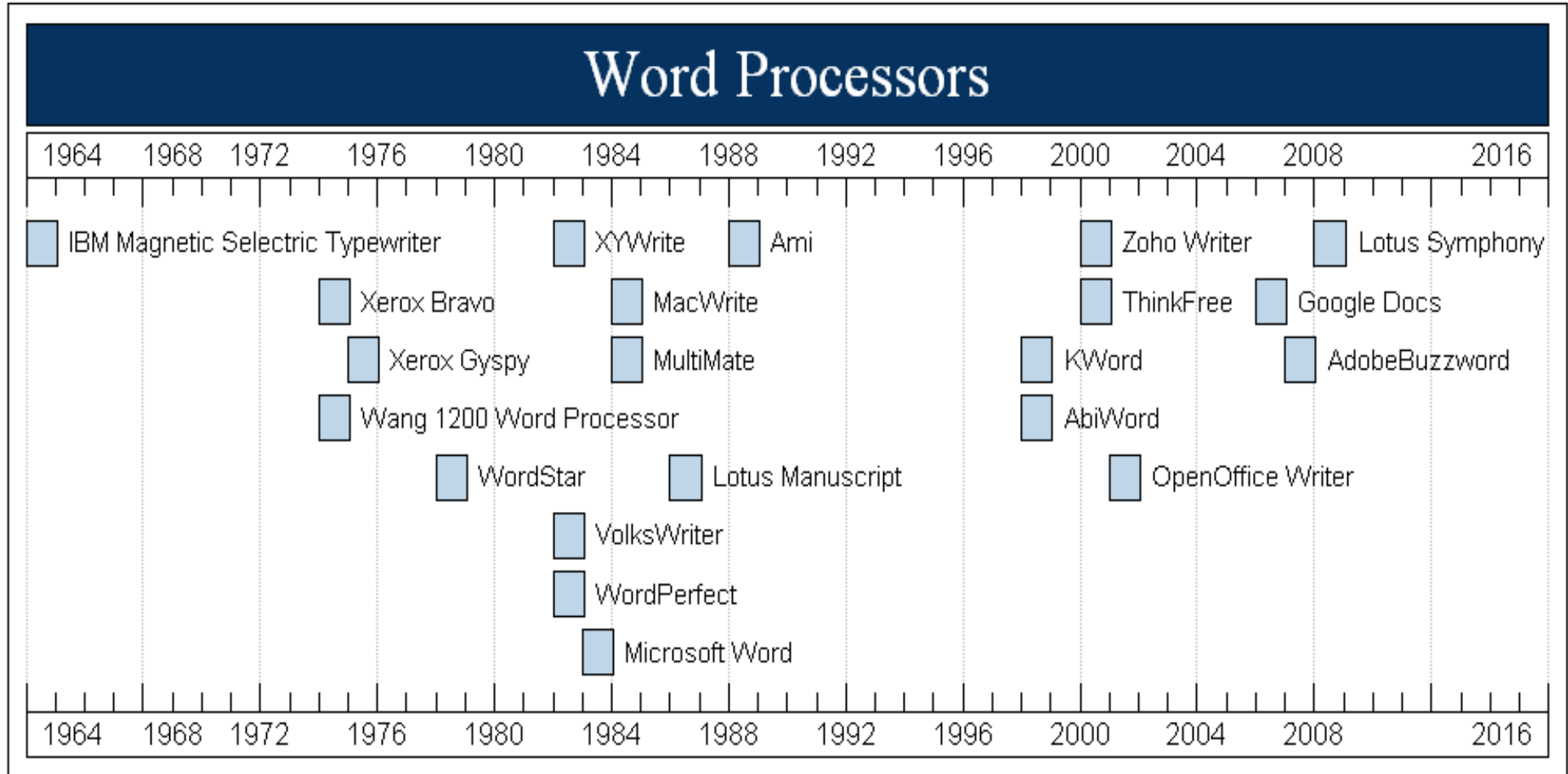
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History of Document Formats



OPEN DOCUMENT FORMAT

ODF ALLIANCE

ODF Choice



an initiative of:



Liberate Your Documents -- www.odfalliance.org

ODF Cost Savings

Country	Example	Savings (\$US)	Metric	Savings Percentage	Comment
Denmark	Central Administration	\$21m	Over 5 years	32%	If Expanded to Entire Public Administration, \$94 Million Saved Over 5 Years
Denmark	Faroe Islands	\$2.65m	Per migration	91%	3,500 Desktops (\$661 per desktop)
Finland	Ministry of Justice	\$5-5.8m	Over 6 years	25-30%	10,000 Desktops
France	Gendarmerie Nationale	\$2.5m	Per year		70,000 Desktops
India	Dept. of Information Technology	\$5.3m	Over 4 years	95+%	10,000 Desktops
Netherlands	City of Haarlem	\$.6m	Per migration	90%	vs Upgrade to Office 2000
Sweden	City of Stockholm	\$388	Per desktop	73%	25,000 desktops
UK	Bristol City Council	\$1.9m	Over 5 years	60%	5,500 Desktops
USA	Maine (state government)	\$4.4m	Over 5 years		13,000 Desktops (\$5.66 per month per desktop over 5 years)

Interoperability: ODF and Emergency Preparedness

- Open standards are critical for emergency preparedness
- When the tsunami struck Thailand, its government and responding domestic and international agencies were unable to share information because each used different data and document formats



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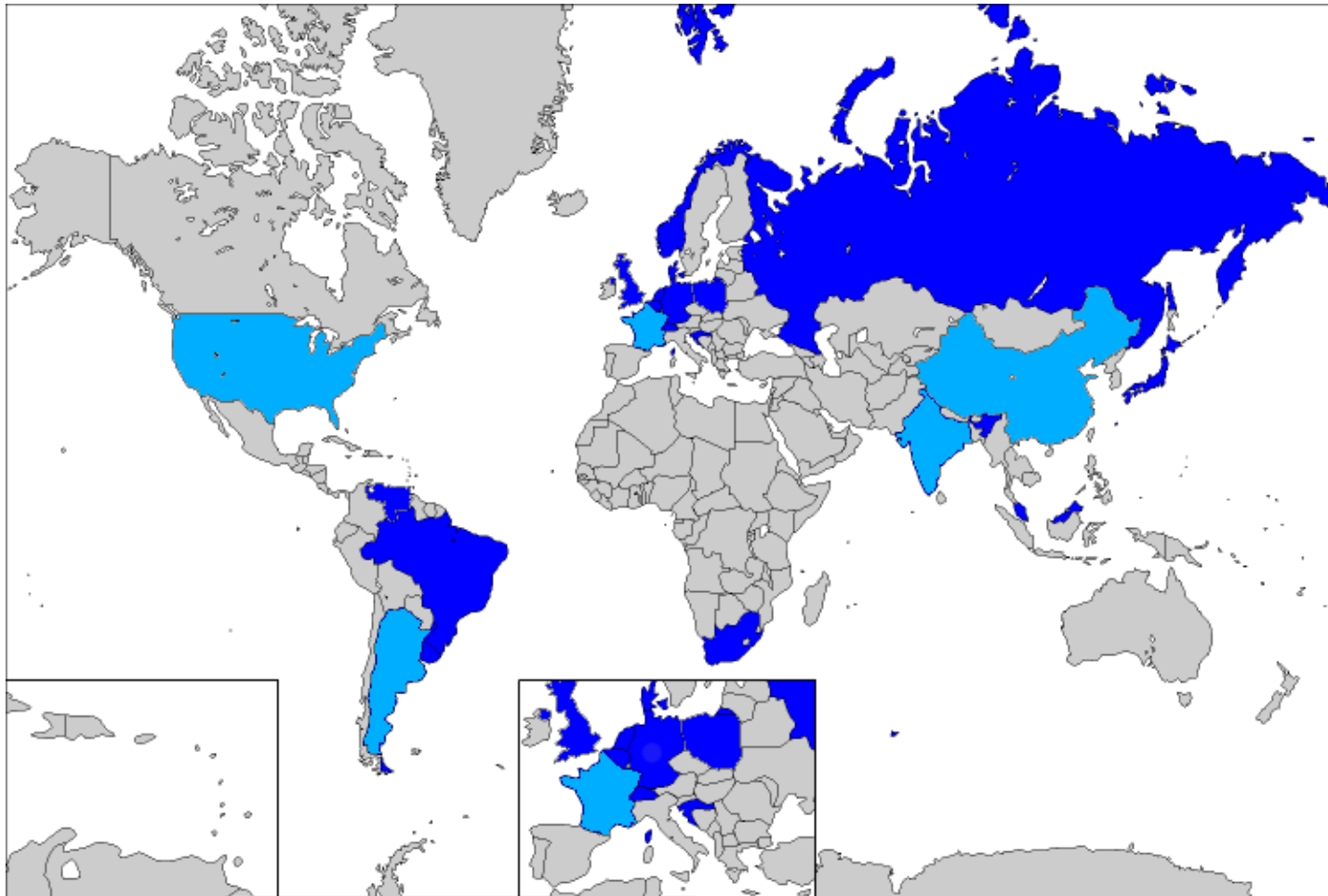
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ODF Adoption



- Belgium
- Brazil
- Croatia
- Denmark
- France
- Germany
- Japan
- Malaysia
- Netherlands
- Norway
- Poland
- Russia
- South Africa
- Switzerland
- Uruguay
- United Kingdom
- Venezuela

National level adoption
Regional level adoption

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Microsoft & ODF: 5th year and still a work in progress

- **1 May 2005** – ODF approved as OASIS standard
- **22 September 2005** – Massachusetts adopts ODF, other governments follow
- **21 November 2005** – MS will not support ODF; instead announces it will submit its own XML-based format, OOXML, to Ecma for standardization
- **2 May 2006** – ODF approved as int'l standard (ISO/IEC 26300:2006)
- **6 July 2006** – MS announces support for development of OOXML-ODF Translator
- **30 Nov 2006** – MS makes OOXML default format in release of Office 2007
- **21 May 2008** – “Native” support for ODF in Service Pack 2 for Office 2007 announced
- **22 May 2008** – European Commission announces investigation of whether MS's announced support for ODF leads to better interoperability/choice
- **28 April 2009** – SP2 for MS Office 2007 with ODF support released
 - strips out spreadsheet formula
 - no change-tracking
 - no password-protection
 - no support in Office 2003 or its predecessors
- **24 July 2009** – MS Proposed Public Undertaking to European Commission on Interoperability, including ODF

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- **Free Your Documents In Three Easy Steps**

- Take control of the default format
- Enable ODF support
- Exercise your right to choose a native ODF editor

- **Advice for governments/public sector**

- Establish policies for openness to promote interoperability, competition and choice
- Run pilots to explore the implementation of ODF-supporting applications
- Adopt government policies that require open standards for file formats
- Require support for open standards in future government software procurement
- Secure top-level support
- Buy-in of power users
- Don't convert templates
- experiences/advice of other governments at www.odfworkshop.org

You can join the ODF Alliance today:

<http://www.odfalliance.org/join.php>

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