

# Free Yourself

From proprietary file formats



**OASIS**



  
**OpenOffice.org**  
<http://www.openoffice.org>

# OASIS OpenDocument



- **Digital Information :**  
If a tree falls.....
- **The OASIS TC :**  
Phase 1 & 2
- **Why OpenDoc Matters:**  
The Fourth Wave

# About ~ge~



- OASIS OpenDocument TC
- OpenOffice.org Volunteer
- OpenStack Business Systems
- The Equity Exchange
- HomeRun.com
- Open MLS
- Realty Connection
- FiNET Finance & Banking
- Virtual Realty

# Information

From 30,000 feet



- Digital Information becomes Digital Living
- The Internet is the Computer
- The Fourth Wave



# The Digital Dilemma



A digital koan

If a tree falls in the woods  
..... and there is no near to hear it

Does it make a sound?

**OASIS**



  
**OpenOffice.org**  
<http://www.openoffice.org>

# Tied to WetWare



- Sound is Information in wave format
- The tree falling is just an event
- What we need is the right WetWare



“It's either Information, or it's  
information processing”



# Tied to SoftWare



**Digital Information also needs  
..... a digital format**

**Sooner or later .....  
..... all information goes digital**

**What we need is the right  
..... SoftWare!**



# OpenDocument



- Separates the file format  
..... from the application
- Separates the application from  
..... the business process logic
- 200 years from now,  
..... the SoftWare will be there

←-----→  
**And so will the Information!**





# Structured

“The computer is the only machine ever invented that can interact with and extend the mind”

..... Andy Grove

We can only apply the enormous power of our computational machines if the information is in a structured format

85% of mankind's knowledge is in an  
..... unstructured format

**OASIS**



  
**OpenOffice.org**  
<http://www.openoffice.org>

# The Internet Effect

The Internet is the Computer.....  
..... and HTML is the API

Joel Spolsky  
of “Joel on Software” fame

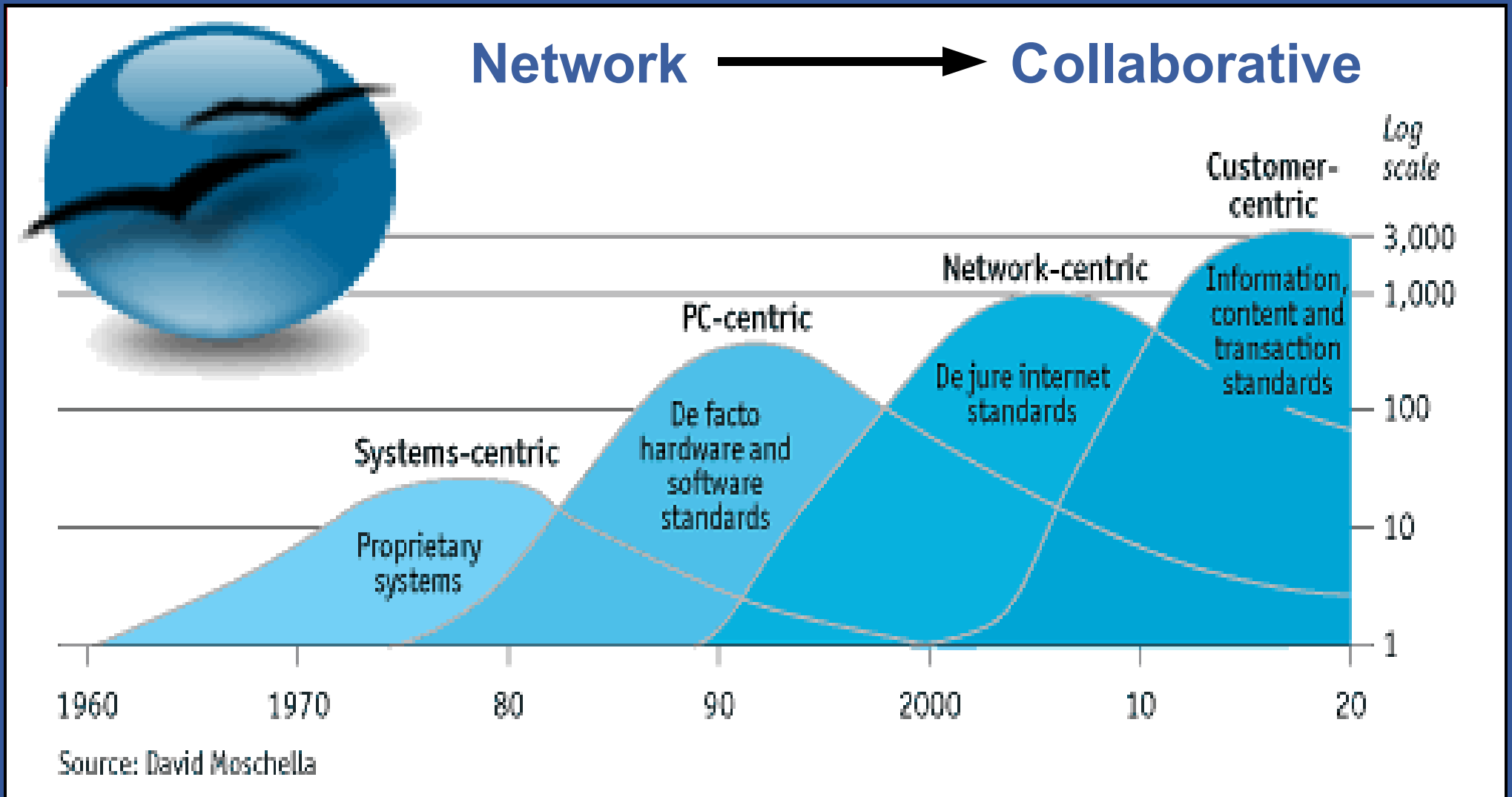
- **HTML**
- **HTML 4.0**

- 
- **XHTML**
  - **Xforms**
  - **XSLT**
  - **XPath**

- 
- **OASIS OpenDocument**



# The Fourth Wave



**OASIS**



**OpenOffice.org**  
<http://www.openoffice.org>

# The OASIS TC

## Phase I

- **A Universal Transformation Layer**
- **Enterprise Content Management & Publication Providers**
- **Dealing with 35 years of legacy systems ..... many of which will be on line for years to come**

**OASIS**



  
**OpenOffice.org**  
<http://www.openoffice.org>

# The OASIS TC

## Phase II



- **A Universal File Format**
- **Focus shifts from Application Suites**
- **to Portable Desktop Productivity Environments**
- **Embrace of Open XML Technologies**

**OASIS**



**OpenOffice.org**  
<http://www.openoffice.org>

# Enterprise Systems

## Key Contributors:



- Boeing ... Doug Alberg
- Stellent ..... Phil Boutros
- Arbortext .... Paul Grosso
- National Archive of Australia  
.....Simon Davis
- Society of Biblical Literature  
..... Patrick Durusau
- SpeedLegal ..... Jason Harrop

**OASIS**



  
<http://www.openoffice.org>

# Desktop Applications

## Key Contributors:



- StarOffice / OOo .... Michael Brauer
- StarOffice / OOo .... Daniel Volgelheim
- StarOffice / OOo .... Lars Oppermann
  
- Corel Office ..... Tom Magliery
- Corell Office ..... Paul Langille
  
- KOffice – KDE ..... David Faure
- OpenOffice.org ..... Gary Edwards



# Time Line

- Sun purchases the cross platform office productivity suite, "StarOffice". They create the open source community, "OpenOffice.org", and open source the entire code base of StarOffice.
- OpenOffice.org creates an open XML file format that covers all compound document aspects of the productivity suite. It is the first time the volumes of desktop productivity information can be captured in a "structured" file format.

OASIS



  
<http://www.openoffice.org>



# Time Line

## Submission to OASIS

Sun and the OpenOffice.org community submit the open XML file format specification to OASIS as an open standards candidate.

Early high profile participants such as Boeing, Arbortext, Documentum, Stellent, The Attorney General of NY, the Library of Congress, and Corel legitimize the effort.

November 2002



## Phase I

# Time Line

- 18 months of work - was completed in March of 2004.
- Work is focused on meeting the needs of enterprise level content management and publication concerns.
- Contributors such as Boeing, Arbortext, Stellant, Documentum, Corel, SpeedLegal, the Australian National Archives, and the International Biblical Society lead the way in expanding the specification to meet the transformation demands of having over 30 years of legacy applications and systems still on line, and still productive.



## Phase I

# Time Line

- The European Union commissions Valoris to study two concerns.
- The first is that of information systems based on open standards.
- The second is that of how the EU can create an open and highly competitive marketplace of information technologies.
- Valoris quickly moves to focus on open XML technologies, and the events taking place at the OASIS Open Office XML file formats TC.



## Phase II

# Time Line

- Focus shifts to the emerging needs of desktop productivity applications.
- KOffice – KDE joins the TC
- Work begins in earnest on expanding the specification to include a wider range of open XML technologies and multi media formats.

**OASIS**



  
**OpenOffice.org**  
<http://www.openoffice.org>

## Phase II

# Time Line

- Next Generation of Collaborative Computing
- Focus shift to Productivity Environments
- Initiatives for XForms, SVG, SMiL, Bibliography, UBL, XBR, DocBook, project and content management schemas, custom defined schemas, intelligent compound documents, workflow integration, and more are undertaken.



## Phase II

# Time Line

- The Valoris report is published.
- Microsoft and Sun respond to it. The European Union TAC makes recommendations.
- The OASIS TC is asked to consider:
  - ISO submission
  - Neutrality changes (name, extensions & mime type registrations)
  - Robust Custom Defined Schemas

**OASIS**



  
**OpenOffice.org**  
<http://www.openoffice.org>

Phase II

# Time Line

## OASIS Responds in Full

- XFORMS, SVG, SMiL
- OpenDocument Name Change
- Extensions & Mime Registrations

## EU Requirements hit the Purchase Cycle

- Open Standards & Open XML file formats

**OASIS**



  
**OpenOffice.org**  
<http://www.openoffice.org>

Phase II

# Time Line

By Mid November 2004:

- IBM & Adobe Announce

OpenDoc Compliance

- Microsoft Concedes
  - Promises OpenDoc filters

**OASIS**



  
<http://www.openoffice.org>



Phase II

# Time Line

By February 2004

- **Microsoft moves to alter the Massachusetts policy of**
  - **Open Standards**
  - **Open Source Considerations**

What's Missing from the Massachusetts Requirements?

- **Open XML Technologies**
- **The OASIS OpenDocument**



# Digital Living

## Organization

The Corporate model is mankind's most advanced means of organizing people, resources and finance for the purposes of profit .....

business guru,  
Peter Drucker

## A New Organization Model:

The Internet is mankind's most advanced means of organizing people, resources, and finance for the purposes of advancing mankind.

~ge~

OASIS



  
OpenOffice.org  
<http://www.openoffice.org>

# Digital Living on the WEB



Digital presence combines with digital information and universal connectivity and exchange to create “digital living”.

Internet based collaborative computing extends digital living into digital community life.

~ global community life ~

The web of Internet enabled technologies change everything they touch. Legacy resources find new life. Things that could never connect, now “connect.”



# Universal Connectivity

The Internet becomes a universal platform of connectivity, exchange, and collaborative computing.



The combination of Open XML Technologies and Universal Run Time Engines  
~ roaring across the Internet ~

**makes collaborative computing possible.**



# Collaborative Computing

It's all about the ubiquity of Open Standards

Open Access & Participation  
is everything



## Open Standards:



- Open Interfaces
- Open Communications & Messaging Protocols
- Open Run time Engines & Libraries
- Open XML Technologies ~ the New API



# Ownership

As we move into the next generation of information technologies, the combination of:

- Open Standards
- Open XML Technologies
- Open Source Community efforts
- & The Internet

provides the foundation of a new platform.

~ A collaborative computing platform ~

**OASIS**



  
**OpenOffice.org**  
<http://www.openoffice.org>

# Shift in Control



Computational Consumers take ownership control of:

- **The Information**
- **The Information Process**

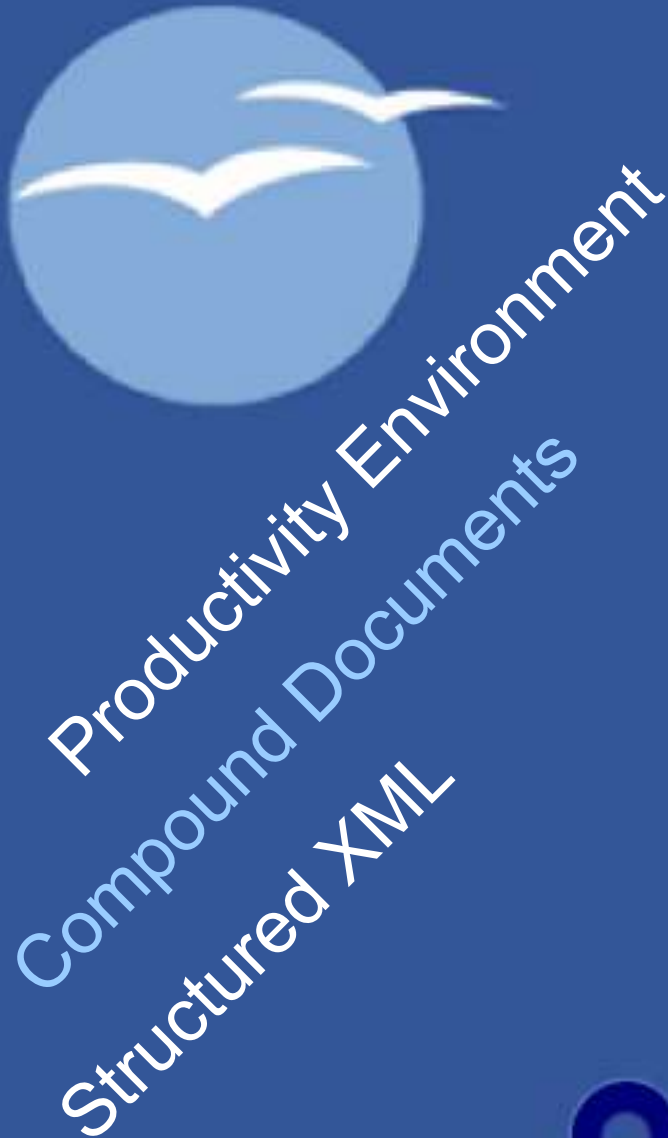
This Ownership signals the end of  
permission based computing

**OASIS**



  
**OpenOffice.org**  
<http://www.openoffice.org>

# Questions?



- The OASIS OpenDocument TC
- The EU & Valoris Report
- The Massachusetts Break Out
- Adoption & Compliance
- Open XML Technologies
- Open Source Communities

