

# Content Management with WebDAV & OpenOffice.org

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# The Me Slide

- Norwegian
- Co-founder of eZ systems
- Guitar player
- Director of Emerging Technology at eZ systems
- Fish wrangler
- Software Engineer

# Content Management

- Web based
- Document management
- Permissions
- Versioning
- Searching

# Content Management

- Separation of content and design
- Multichannel publishing
- Multilingual content
- Content diff
- Collaboration
- Notifications

# OASIS OpenDocument

- Open Standard document format
- Specified by OASIS
- ISO 26300
- Complete documentation available
- XML based
- Open editable document format for
  - Wordprocessing
  - Spreadsheets
  - Presentations
  - Drawings/Illustrations



# Supported Apps

- OpenOffice.org
- eZ publish
- Abiword
- KWord
- NeoOffice / StarOffice
- TextMaker 2006
- Writeley
- ++

# Inside Open Document

- It's just a Zip file!
- XML file for content

```
.  
|-- META-INF  
|  `-- manifest.xml  
|-- Pictures  
|  `-- 10000000000001680000010E84CA0370.jpg  
|-- content.xml  
|-- meta.xml  
|-- mimetype  
|-- settings.xml  
`-- styles.xml
```

# OpenOffice.org

- Cross platform office suite
  - Linux
  - Mac OS X
  - Windows
- Open Source
- Millions of users



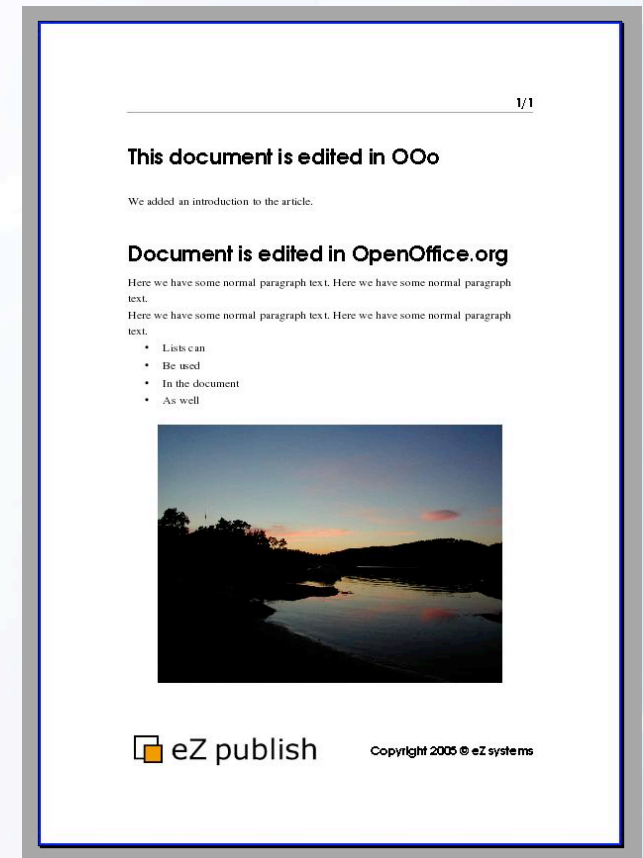
open source

# Integrate OOo

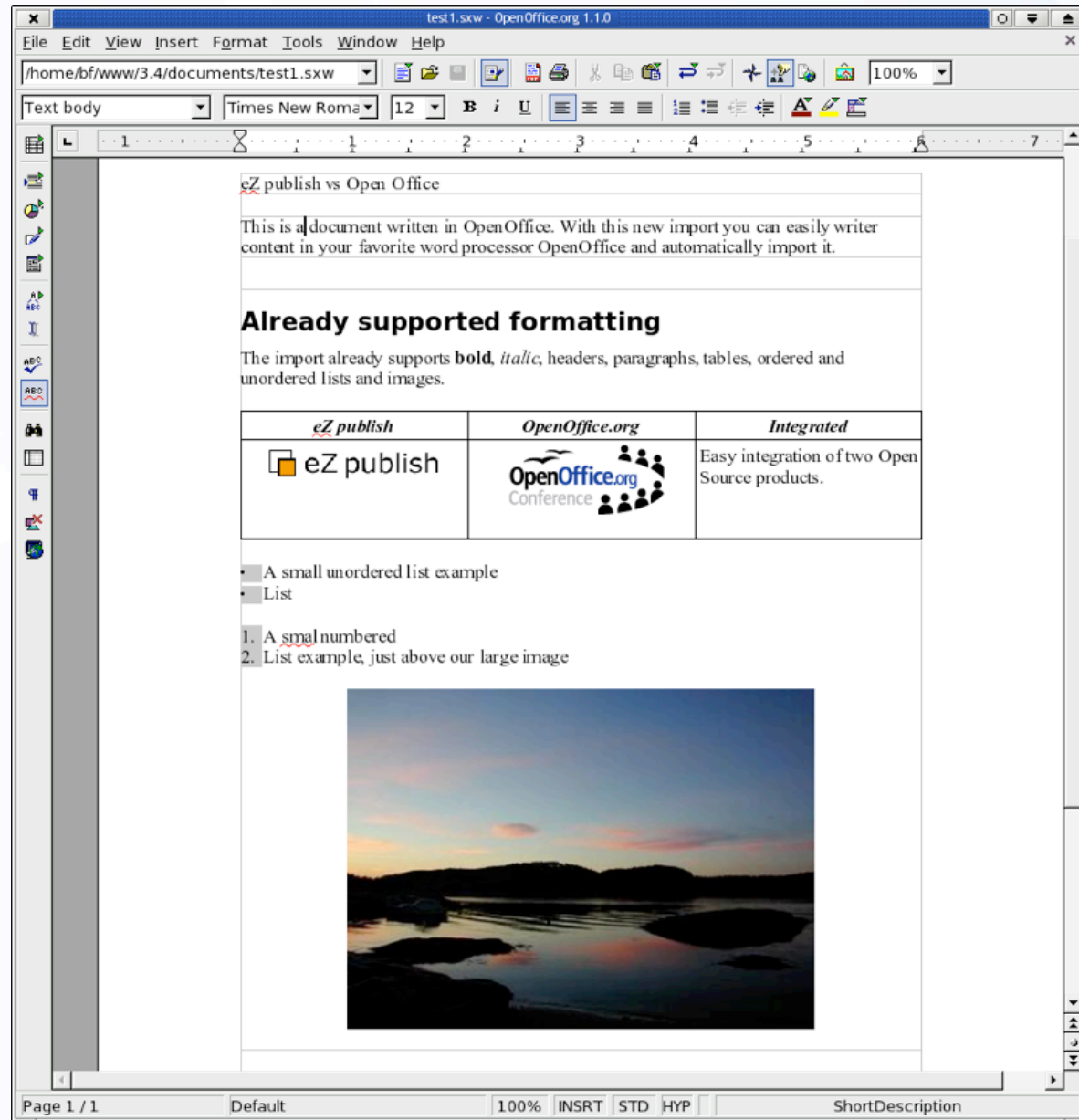
- Use OOo to edit and create documents
- Use document sections for different document types
- Document conversion
- Benefit from OOo features
  - Offline editing
  - Spell checking
  - Native desktop GUI

# Document Templates

- Use OpenOffice.org document templates to style
- WYSIWYG styling - no templating
- Footers and headers
- Fonts and styles
- Page numbering

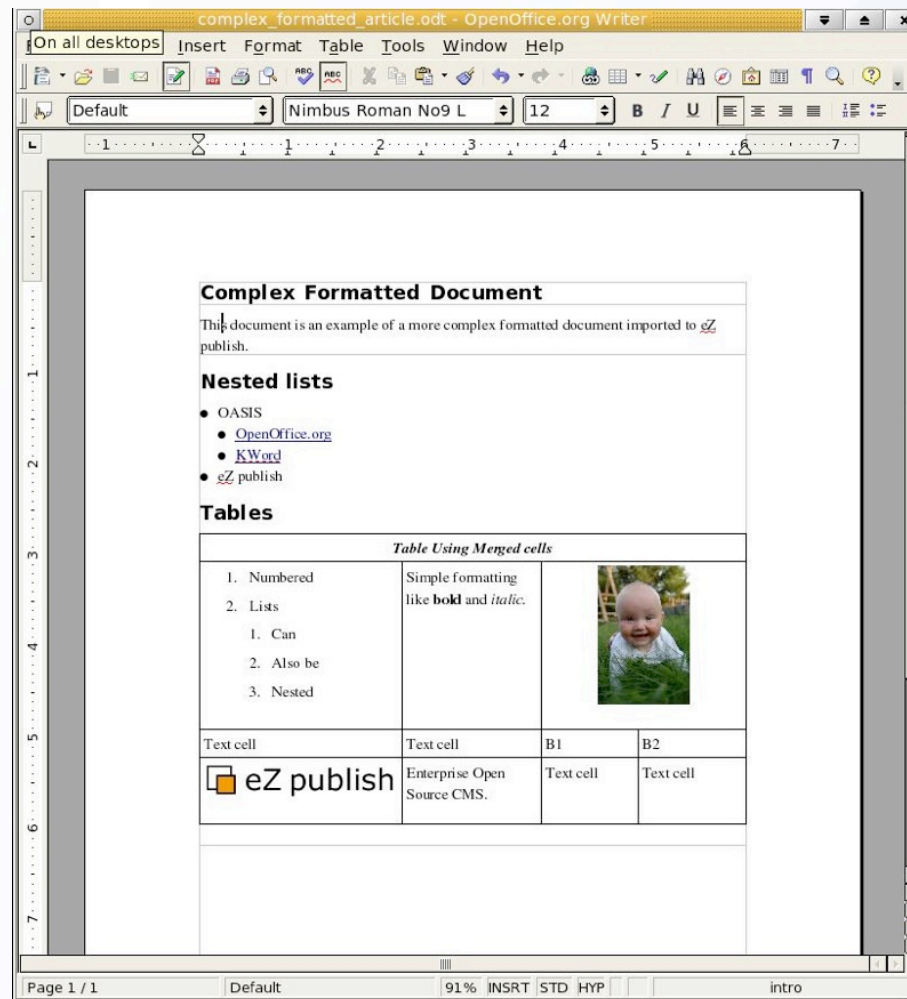


# Edit in OpenOffice.org



# Document Types

- Use document sections for type definition



# Connect with OOo

- **Import and Export other formats with OOo**
  - Word
  - RTF
  - PDF
  - Any format OOo supports
- Use macro to convert

# The Macro

```
Sub convertToPDF(strFile as string)
    Dim oDoc as Object
    Dim strFilterSubName as String

    strSql = ConvertToUrl( strFile )
    oDoc = StarDesktop.loadComponentFromURL( strSql, "_blank",
        0, array(MakePropertyValue("Hidden",true)))

    cURL = ConvertToURL( "/tmp/ooo_converted.pdf" )

    oDoc.storeToURL( cURL, Array( MakePropertyValue
( "FilterName", "writer_pdf_Export" ) )

    oDoc.close(True)
End Sub
```

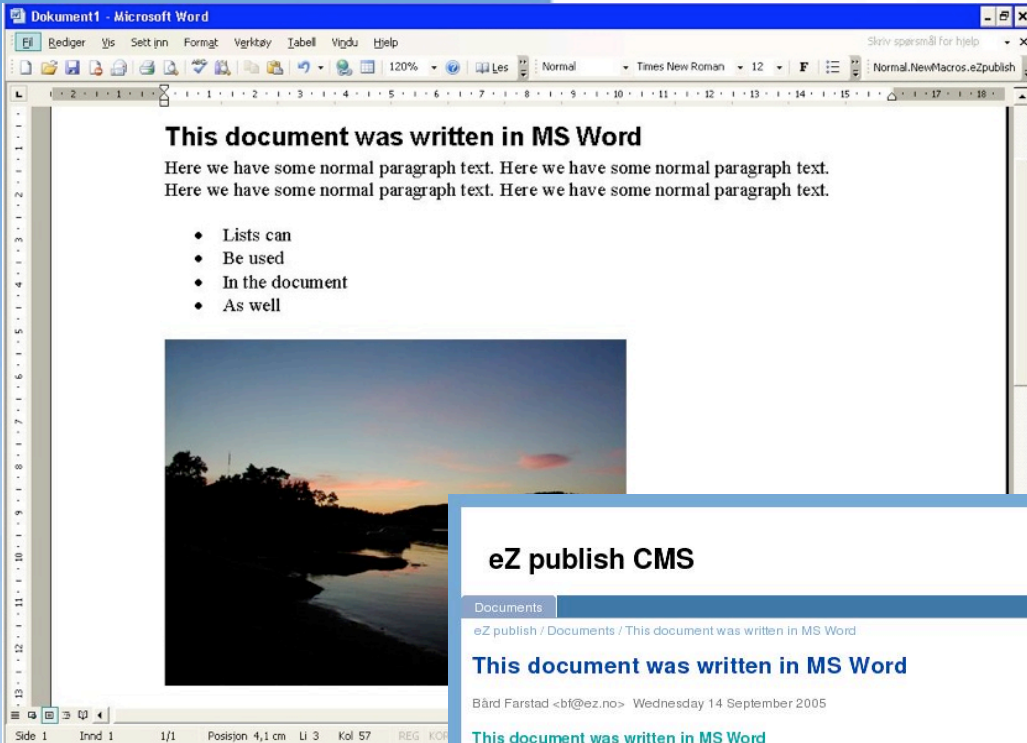
# Command Line OOo

- Run OOo macros from the command line

```
openoffice.org-2.0 -writer
```

```
"macro:///standard.Module1.convertToPDF($fileName)"
```

# Word support



> eZ publish / Documents / This document w...

**Object information**

**ID:** 751

**Created:** 14/09/2005 11:08 am  
Bård Farstad

**Modified:** 14/09/2005 11:08 am  
Bård Farstad

**Published version:** 1

[Manage versions](#)

**Current draft**

**Created:** 14/09/2005 11:19 am  
Bård Farstad

**Modified:** 14/09/2005 11:19 am  
Bård Farstad

**Version:** 2

[View](#)

[Store and exit](#)

**Edit <This document was written in MS Word> [Article]**

English (United Kingdom)

**Title (required):**  
This document is edited in eZ publish

**Short title:**

**Author**

Name	E-mail
<input type="checkbox"/> Bård Farstad	bf@ez.no

[Remove selected](#) [Add author](#)

**Intro (required):**

Normal

We added an introduction to the article.

Class: [none] [Online editor](#)

[Disable editor](#)

**Body:**

Heading 1

**This document was written in MS Word**

Here we have some normal paragraph text. Here we have some normal paragraph text.

Here we have some normal paragraph text. Here we have some normal paragraph text.

- Lists can
- Be used

**Current user**

Bård Farstad

- Change user info
- Change password
- Logout

**Bookmarks**

[Add to bookmarks](#)

**Clear cache**

**Quick settings**

- Debug output
- Debug redirection
- Template debug
- Inline template debug
- List of used templates
- SQL debug output

**Siteaccess:**

Global (override)

[Set](#)

**eZ publish CMS**

Search:

**Documents**

eZ publish / Documents / This document was written in MS Word

**This document was written in MS Word**

Bård Farstad <bf@ez.no> Wednesday 14 September 2005

**This document was written in MS Word**

Here we have some normal paragraph text. Here we have some normal paragraph text. Here we have some normal paragraph text. Here we have some normal paragraph text.

- Lists can
- Be used
- In the document
- As well

14/09/2005 11:19 am

Bård Farstad

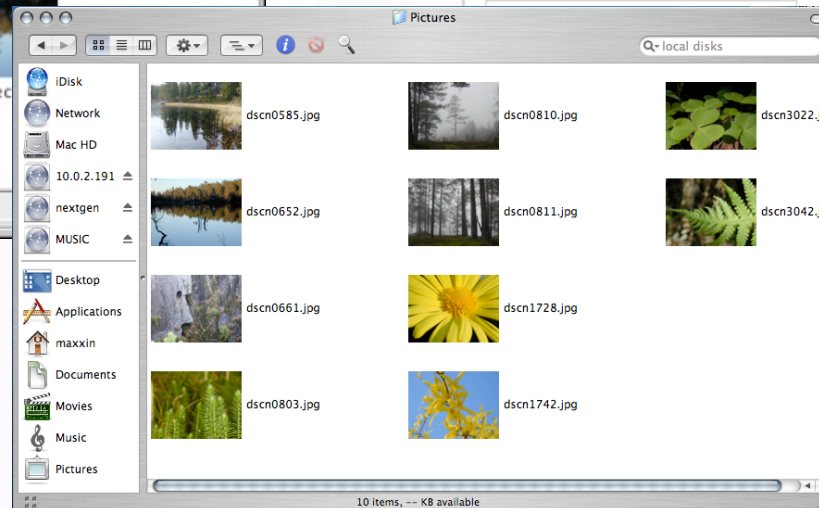
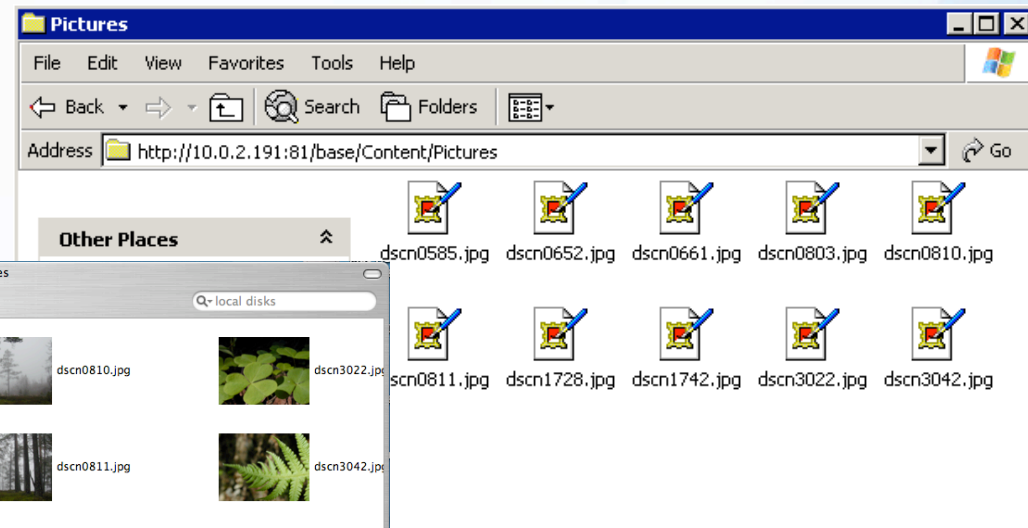
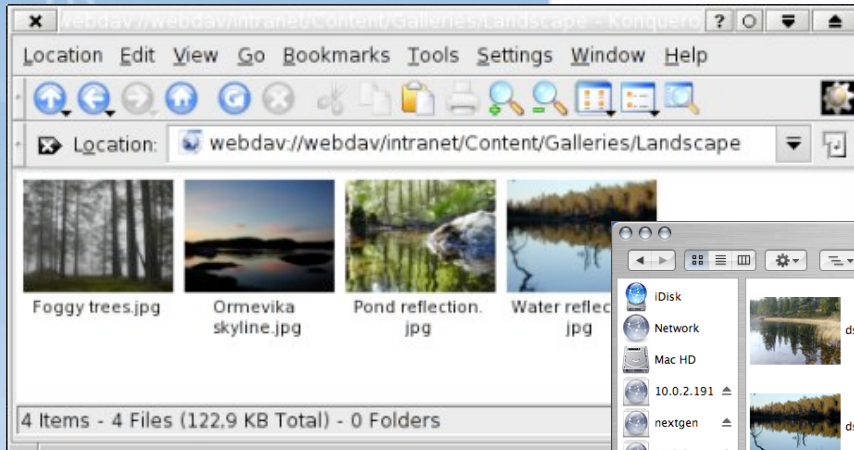
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Powered by eZ publish® open source content management system and development framework.  
eZ systems

# WebDAV

- Distributed Authoring and Versioning
- Permission handling
- Drag and drop



ation  
Share

# eZ publish

- Extension for OASIS OpenDocument import and export
- WebDAV import and export
- Supports OpenDocument templates
- Import
  - OpenDocument
  - Word
  - RTF
  - TXT
- Export
  - Word
  - PDF
  - RTF

# Live Demo

- Because it can break

# More Information

- <http://www.openoffice.org>
- <http://en.wikipedia.org/wiki/OpenDocument>
- <http://www.oasis-open.org/>
- <http://en.wikipedia.org/wiki/WebDAV>
- [http://ez.no/products/ez\\_publish](http://ez.no/products/ez_publish)
  
- Slides: [www.papelipe.no](http://www.papelipe.no)

# Questions ?

**<bf@ez.no>**

# eZ publish 3.8

- Clustering support
- Multilingual support
- Content Diff
- [www.ez.no](http://www.ez.no)

Share your information

Performance with different setups from 1-4 servers with concurrency of 1-200

