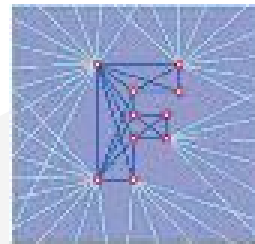


OpenOffice.org as an Authoring Tool in the FIGARO Project



FIGARO

by

Wiebke Oeltjen

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About the speaker

- Wiebke Oeltjen
- Technical Coordination in the FIGARO project at Hamburg University, Regional Computer Center
- Content Management and eLearning



- **A Scenario**
- The FIGARO Project
- The FIGARO Consortium
- The Publishing Process
- Electronic Science Objects
- ePublishing
- Authoring Tool
- Essential Tools in OOo
- Usability
- Conclusion/questions

What's in the name:

Federated
Initiative of
GAP and
ROquade

What's the goal:

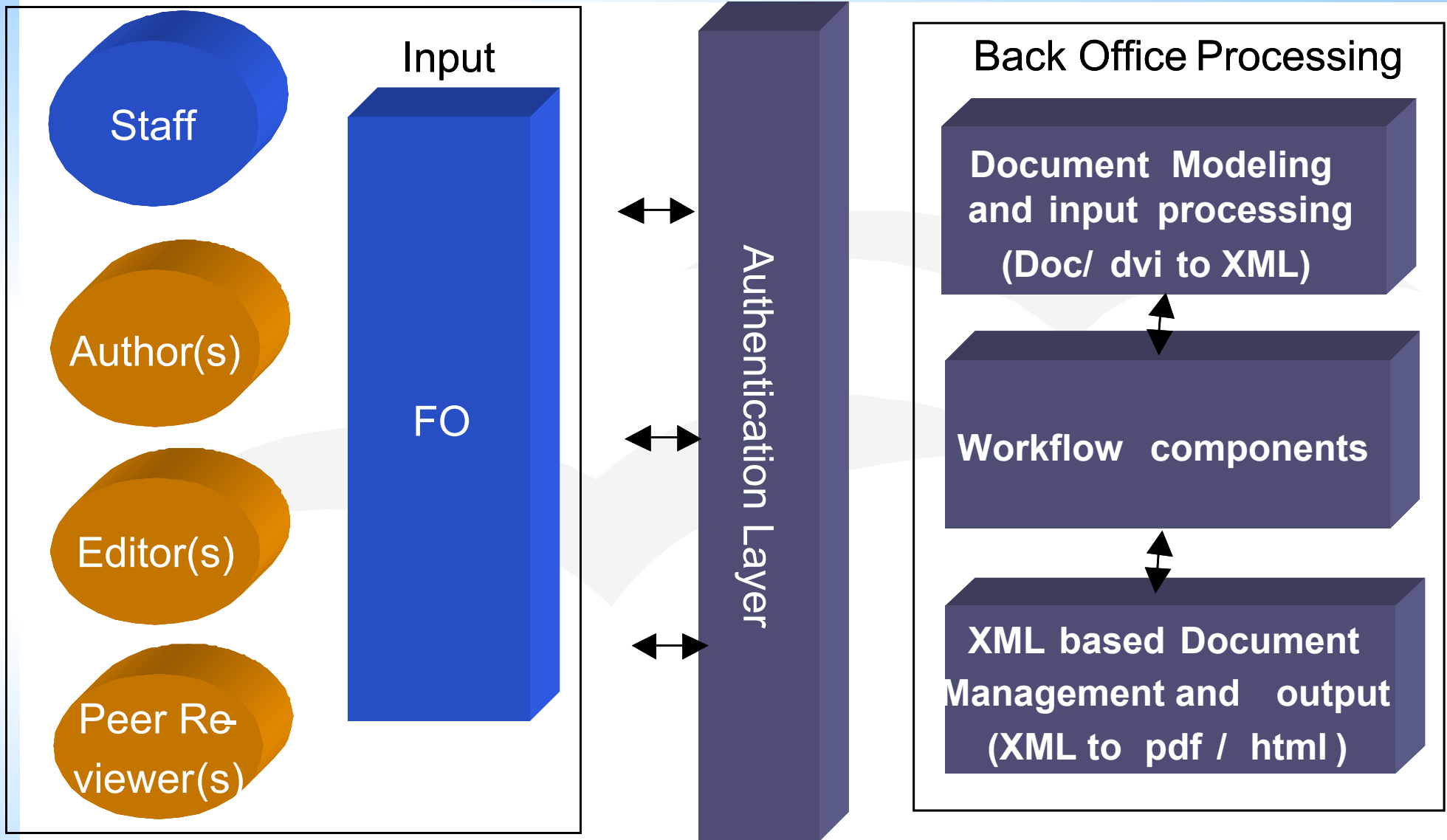
- Establishing a collaborative **business model** for e-publishing
- Building an open, Europe-wide **co-operation framework** for academic e-publishing institutions



The FIGARO Consortium

- Full Partners (Development & Usability Eval.)
 - Universities of **Utrecht** and **Delft** (NL)
 - Universities of **Oldenburg** and **Hamburg** (D)
 - University of **Florence** (I)
 - **Daidalos** (NL)
- Associate Partners (Content Provision)
 - Academic **Content Providers** in Delft, Leuven and Lund
 - **Publishers**: LEMMA (NL) and DiG (PL)
 - **SPARC** (US)
- Subcontractor
 - **SUN** Microsystems/Star Office (D)

The Publishing Process



- Structured documents

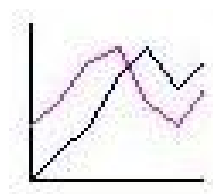
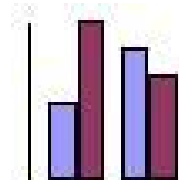
- Document types:
articles, journals, reports, books ...
- Structural elements:
title, abstract, sections, chapters,
footnotes, references ...



- Elements of structured documents:

- Mathematical or chemical formulas
- Tables and diagrams
- Pictures

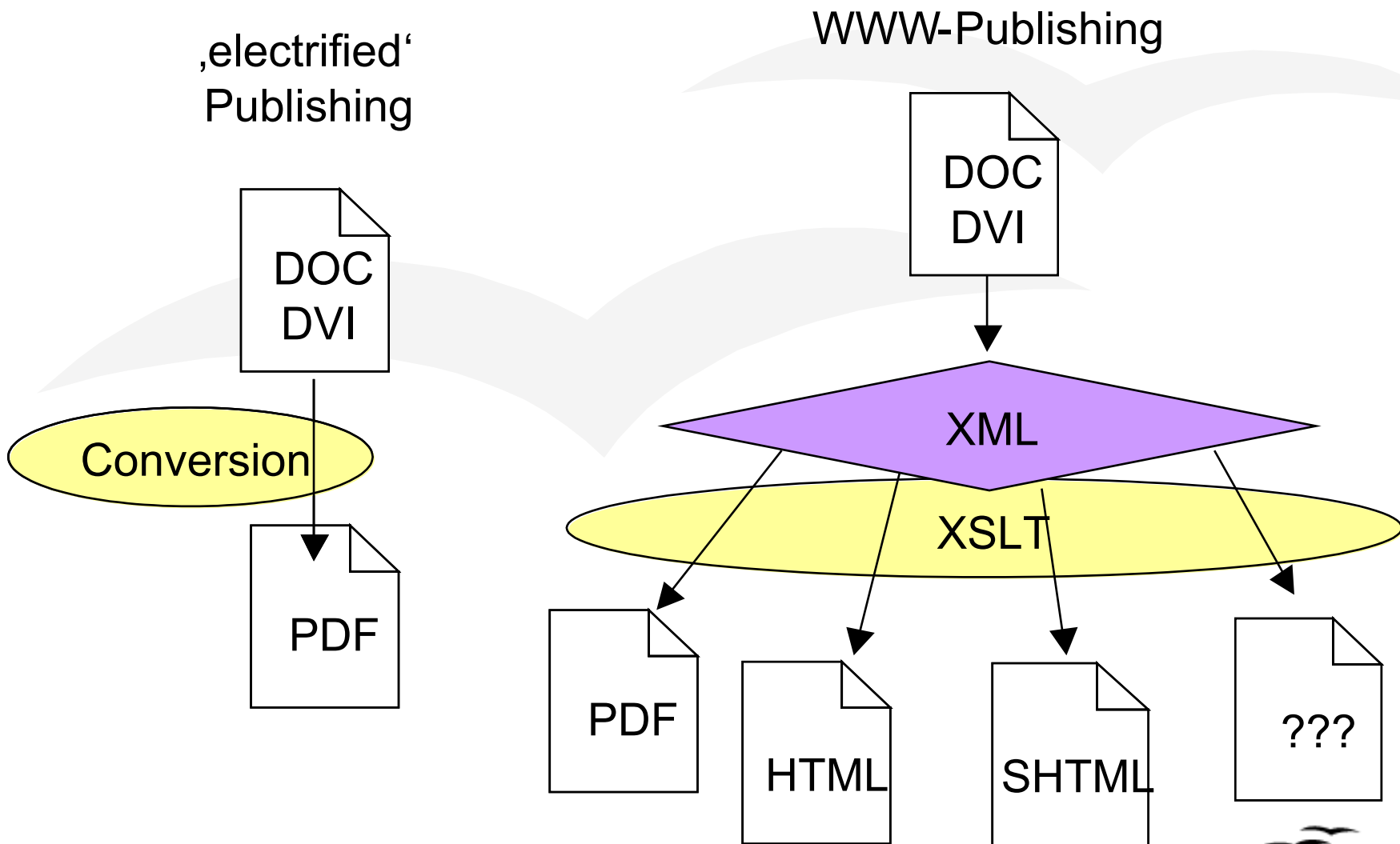
$$\nabla^2 \phi = 4\pi \sum_i \left[m_i \int f_{m_i}(x, v, t) d^3v \right].$$



- Unstructured documents

- Videos, Tape recordings

- Use standard based, open models for *electronic science objects*



Our criteria:


- XML support
- Versioning of the documents
- Transparency of software and output
- Software in different languages
- Costs => Open Source Software
- Ease of use

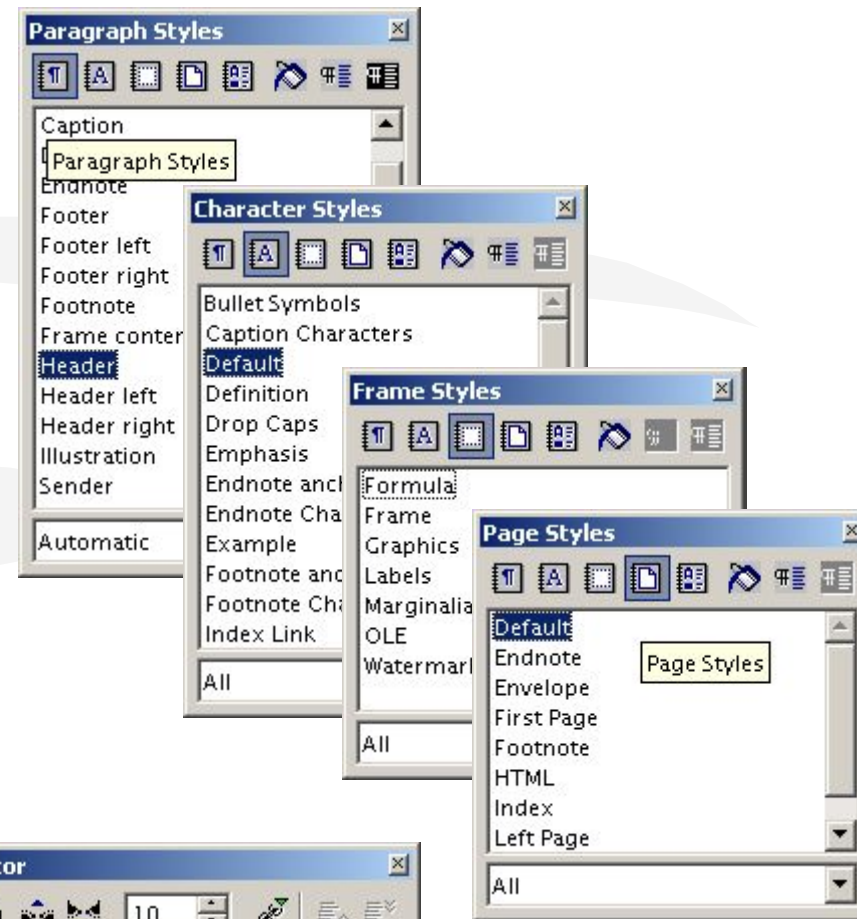
→ Useful and usable Software:
OpenOffice.org

Essential tools in OpenOffice.org

- **Templates**
to prepare document styles

- **Stylist** 
to use prepared styles
for Paragraphs, Characters,
Pages, Frames, Lists

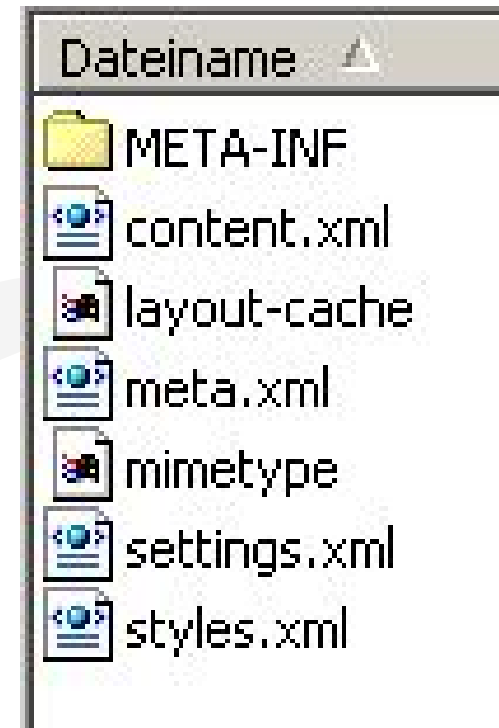
- **Navigator** 
to see the structural
elements in an overview



- **XML files in zipped package**
document.sxw -> document.zip

- **Save as... DocBook.xml**

```
<?xml version="1.0"?>
<!DOCTYPE book PUBLIC "-//OAS...
<article lang="en-US">
  <articleinfo>
    <title>Authoring Tools</title>
    <subtitle />
    <edition />
  </articleinfo>
  ...
</article>
```





Usability of OpenOffice.org

- Usability is
“...the extent to which a product can be used by specified users to achieve specified goals with **effectiveness, efficiency** and **satisfaction...**”
- Usability testing is part of FIGARO
- OOo similar to MSWord
- Problem of using styles and templates
- Training is necessary

Wish for **OpenOffice.org**:

- Better & clear usability of DocBook- related styles
- Consistent usage of relation OOo-style – DocBook-tag
- Extend of DocBook

Want to reach in **Figaro**:

- Successful user test with OpenOffice.org
- Document Model that meets the requirements of the publishing demands (less complex than DocBook) with a bundle of DTDs

- The FIGARO website:
<http://www.figaro-europe.org>

The screenshot shows the FIGARO website in a Netscape 6 browser window. The browser title is "FIGARO - European academic e-publishing - Netscape 6". The address bar shows "http://www.figaro-europe.org/". The website has a blue background with a central logo featuring a network diagram and the word "FIGARO". A navigation menu on the right lists: Home, History, Mission, About us, Technology, Finance, News, Links, Search, and Contact us. A "Welcome!" message follows, stating: "This site is dedicated to FIGARO, a European academic e-publishing initiative focused on the creation of an effective and affordable communication and publishing environment for scholars. It is intended as an information source for anyone who is interested in the development of scholarly communication and electronic publishing." At the bottom, there is a registration form with fields for Title, Last name (Oeltjen), First name (Wiebke), and E-mail address (wiebke.oeltjen@rrz.uni-hai). There are "register" and "clear" buttons. The status bar at the bottom left shows "Dokument fertig (0.481 Sek.)".

FIGARO - European academic e-publishing - Netscape 6

File Bearbeiten Anzeigen Suchen Gehe Lesezeichen Aufgaben Hilfe

Zurück Weiterleiten Neu laden Anhalten Drucken

FIGARO

Home
History
Mission
About us
Technology
Finance
News
Links
Search
Contact us

Welcome!

This site is dedicated to FIGARO, a European academic e-publishing initiative focused on the creation of an effective and affordable communication and publishing environment for scholars. It is intended as an information source for anyone who is interested in the development of scholarly communication and electronic publishing.

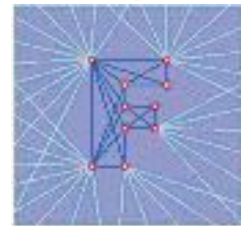
Information Society Technologies

intranet

Stay updated

Dokument fertig (0.481 Sek.)

Thank you for your attention!



FIGARO

**Questions?
Answers!**