ODF Plugfest and Test Website

https://beta.opendocumentformat.org/

Jos van den Oever
http://beta.opendocument.org

- Create account
- Go to wiki
Interoperability
Users meet users, users meet developers, developers meet developers
ODF Test server audience and features

- **Users**
  - want to have interoperability

- **Developers**
  - want tools to improve interoperability

- **Institutions**
  - want to know which products is interoperable

- Report interoperability issues
- Discover interoperability issues
- Learn about implementations
- Keep track of issues in implementations
Support and funding

- Logius pays for main developer (Jos van den Oever)
- NLNet pays for servers
- OpenDoc society sponsors ODF Plugfest
- NLNet sponsors projects to improve the test server
  - Documentation, Factories, Tests, UI design
  - XML ODF editor
- Forum Standaardisatie sponsors NLNet ODF projects
Testing: compare rendering
Google Docs: ‘1’ → data loss!

Everyone else: ‘<text:page-number text:select-page="current">1</text:page-number>’

The test: count(/text:page-number)=1
Testing: small tests for data loss

Document hierarchy

created by Michiel Leenaars on 2016-11-16 16:25:36.423247 UTC

clone test

template text.odt

<office:text>
  <text:h text:outline-level="1">Document hierarchy</text:h>
  <text:p>Document hierarchy is very important. It allows people to
  navigate the document efficiently. A uniform heading structure is
  often necessary when encountering a lengthy text document, sighted
  users often get an idea of its structure and content. Screen reader
  and other assistive documents by heading structure.</text:p>
  <text:h text:outline-level="1">Header 1</text:h>
  <text:h text:outline-level="2">Header 2</text:h>
  <text:h text:outline-level="3">Header 3</text:h>
  <text:h text:outline-level="4">Header 4</text:h>
  <text:h text:outline-level="5">Header 5</text:h>
  <text:h text:outline-level="6">Header 6</text:h>
  <text:h text:outline-level="7">Header 7</text:h>
  <text:h text:outline-level="8">Header 8</text:h>
  <text:h text:outline-level="9">Header 9</text:h>
  <text:h text:outline-level="10">Header 10</text:h>
  <text:p>There is regular text too.</text:p>
</office:text>

Tested versions: 1.0 1.1 1.2 1.2 Extended
# Testing: small tests

<table>
<thead>
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<th></th>
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</tr>
</thead>
<tbody>
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<td><strong>OpenDocument</strong> Text 1.1</td>
<td><strong>OpenDocument</strong> Text 1.2 Extended</td>
<td><strong>OpenDocument</strong> Text 1.2 Extended</td>
<td><strong>OpenDocument</strong> Text 1.2 Extended</td>
<td><strong>OpenDocument</strong> Text 1.2 Extended</td>
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<table>
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<td>true</td>
</tr>
</tbody>
</table>
13th ODF Plugfest in Rome

Participants

- Implementors: LibreOffice, Microsoft, Ox Docs
- Institutions: representatives for UK, Taiwan, Munich and Dutch governments
- And many users
Some numbers on the ODF plugfest

- 77 uploaded documents
- so $77 \times 12^2$ comparisons
- 2 new factories (Calligra Karbon, LibreOffice as used in Munich)
- 3 on-line participants
Perfect first test

welcome.odt

Bestandstyp: OpenDocument Text 1.2 Extended
Creator: Jos van den Oever
Generator: LibreOffice/5.4.1.2.0$Linux_X86_64
LibreOffice_project/40m0$Build-2

Welcome to the plugfest.
Perfect first test

Welcome to the plugfest.
Table and text

Minutes_12_July_2017.odt

SECRETARIAT
Paul Croney, GDS

1. INTRODUCTION
Edgar Whitley (EW) welcomed members.

2. ATTRIBUTE EXCHANGE UPDATE - Julian White (GDS)
Julian White (JW), Identity Assurance Advisor at GDS, gave an introduction and update of the Attribute Exchange. JW gave examples of attributes as name, address and medical conditions. The exchange is transferring information to a different location.
Table and text

Minutes_12_July_2017.odt

1. INTRODUCTION
Edgar, Amberhawk Technologies, UCL

SECRETARY
Paul Cronley, Horizon Digital Economy Research, Information & Impact Manager’s Office

2. ATTRIBUTE EXCHANGE UPDATE - Julian White (JW)
Julian White (JW), Identity Assurance Advisor at Warwickshire, presented an update on the Attribute Exchange. JW gave an overview of the Attribute Exchange and its role in sharing attributes securely. The attribute exchange is used to facilitate the exchange of attributes between different systems and organizations. Attributes include personal information such as name, address, and medical conditions. The exchange allows for the secure transfer of this information to different locations.

The Blue Badge scheme is one example of the use of the Attribute Exchange. The Blue Badge scheme works by allowing people with disabilities to provide evidence of their eligibility for a badge. The scheme is administered by Warwickshire Council and uses the Attribute Exchange to verify the eligibility of applicants. The scheme was piloted with Warwickshire Council and has been successful in improving the process of verifying eligibility. The scheme has allowed applicants to complete the process of eligibility verification more quickly. There are other schemes, such as those used by local authorities, that use the Attribute Exchange to verify eligibility for different services. In these cases, the Attribute Exchange is used to verify eligibility for a variety of different badges and services.
Triangle width
Vertical text

vertical-writing-sample.odt

Bestandstype: OpenDocument Text 1.2 Extended
Creator: 韩英
Generator: LibreOffice 5.1.6.2 (Windows x86)
LibreOffice_project/07a16c60a517db407d7bc7540f5afa43f0009

Office Word 2016 (Microsoft Windows Server 2012 R2 Standard 6.3.9600) »
Google Docs () »
Reporting

- Taiwan will use the result of the plugfest in decisions on what software to use
- We will send out the findings to the implementors
- We see that there is work to do on ODF interoperability
- We call on all implementors and users of ODF software to join in the effort to improve it
Improvements to the process

- **Wishes**
  - Make it still easier
  - More blogging
  - Issue tracker for ODF implementations
  - API for integration into websites
  - Factories for mobile apps
  - Links to the ODF specification
  - Full ODF Coverage

- **Achieved**
  - UI fixes
  - Tons more documentation in the wiki
  - Lots of issues opened
Your own ODF test site

- Test server and many factories are packaged Docker
- Java application for connecting up other ODF software
Developing on the test site

- All dependencies available via Docker
- Check out the source code
- `docker/devserver/devserver.sh`
- Go to `http://localhost:3000`
Improving ODF interop is a community effort

- Stakeholders
  - Software providers
  - Users
  - Institutions
  - Regulators

ODF Plugfest and the ODF test website provide opportunities and tooling to improve ODF interoperability

https://beta.opendocumentformat.org/

https://gitlab.com/odfplugfest/odfserver