OASIS ODF TC Github
Who am I

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  Started exactly 21-year ago @StarOffice, Hamburg
OASIS ODF TC Github

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• OASIS ODF TC co-chair (since 2020/09)
OASIS ODF TC Github

Reason of the ODF TC

- ODF Technical Committee (TC) is maintaining the ODF specification
OASIS ODF TC Github
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• ODF Technical Committee (TC) is maintaining the ODF specification
• ODF specification being the **blueprint** for ODF applications
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• ODF Technical Committee (TC) is maintaining the ODF specification
• ODF specification being the **blueprint** for ODF applications
• ODF applications should be **interoperable** (behave the same way) to create an **Ecosystem**
ODF TC Process (Simplified)

- ODF Technical Committee (TC) meets weekly
  - **JIRA issues** are being discussed
  - **Resolution** are being collected in JIRA issue
- Editor overtakes JIRA resolution into **ODT document**
ODF Technical Committee (TC) meets weekly
  - **JIRA issues** are being discussed
  - **Resolution** are being collected in JIRA issue
- Editor overtakes JIRA resolution into **ODT document**
- What about GitHub issues?
  - JIRA for the semantic of ODF features
  - GitHub for editorial changes
OASIS ODF TC Github
Why Version Control (GitHub)?

• Collaboration on “Blueprint of Software”
  https://github.com/oasis-tcs/odf-tc
  • Collect all Deliverables (ODT, RNG, OWL)
    • ODT -> PDF, HTML
    • RNG -> RNG-HTML
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New Deliverable:
RelaxNG in HTML

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    - E.g. GitHub Diff of ODT (unzipped & pretty-printed XML)
    - Pre-Commit Hook: Default Value regression test
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    - Pre-Commit Hook: Default Value regression test
  - Automate OASIS Release Process
OASIS ODF TC Github
Why Version Control (GitHub)?

• https://github.com/oasis-tcs/odf-tc
  • Maven Standard Directory Layout:
    • /docs = https://oasis-tcs.github.io/odf-tc/
    • /src/main = Deliverables
    • /src/test = Tooling & Tests
OASIS ODF TC Github
Why Version Control (GitHub)?

• Automate OASIS Release Process
  https://github.com/oasis-tcs/odf-tc

  • **OASIS provides ODT Template** (Look & Feel)
  • **OASIS receives ZIP** with Deliverables (TC Release)
    • **Problem:** Within deliverables:
      *Dates, OASIS Release IDs & URLs, Names* changing
      from release version to version
    • **Solution:** Placeholders within XML fill later with data
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Agile Specification (or the lack of it)

• Specification being the blueprint of software
• Problematic Time gap:
  • Agile CI/CD software release ~weekly
  • Specification release every ~18 month
OASIS ODF TC Github
Agile Specification

• Specification being the blueprint of software

• Problematic Time gap:
  • Agile CI/CD software release ~weekly
  • Specification release every ~18 month

• Obvious solution:
  • Generate (parts of) ODF software from specification
  • Generate (human readable) specification from basic data
  • Test documents (and future tests?) at “Spec level”
9.1.2 <table:table>

The <table:table> element is the root element for a table.


<table>
<thead>
<tr>
<th>Children</th>
</tr>
</thead>
<tbody>
<tr>
<td>Children</td>
</tr>
<tr>
<td>Attributes</td>
</tr>
<tr>
<td>Attributes</td>
</tr>
<tr>
<td>Parents</td>
</tr>
<tr>
<td>Parents</td>
</tr>
</tbody>
</table>

The `<table:table>` element is the root element for a table.


OASIS ODF TC Github
Can we make ODF Adoption easier?

• With every ODF Release, ODF Application are updated
  • ODF Release Changes
    Links to JIRA issues at the end of each Spec Part
  • Is there a better way?
Imagine **new ODF feature**: Page orientation (landscape/portrait) on Paragraph (or Table)
Imagine **new ODF feature**: 

**Page orientation** (landscape/portrait)  
**on Paragraph** (or Table)  

Two views on ODF feature:  

- **ODF User Feature (Semantic definition)**  
  Change on Paragraph → Orientation (horiz./vert.)  

- **ODF XML Syntax:**  
  ?
• Imagine **new ODF feature:**

  **Page orientation** (landscape/portrait)
  **on Paragraph** (or Table)

• Two views on ODF feature:
  • **ODF User Feature (Semantic definition):**
    Change on Paragraph → Orientation (horiz./vert.)
  • **ODF XML Syntax:**
    Paragraph → Style →
    Master Page → Page Layout →
    Page Layout Properties → Orientation
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Personal Wishlist

• We are just at the beginning of..
  • Enhancing ODF Spec Review/Generation (CI/CD)
  • “Machine-Readable” ODF info-set
  • Declare ODF Semantic (Semantic Dictionary ?)
  • Declare ODF Semantic Changes (Test API)
    (Enabling Conformance Test on Standard Level ?)
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Conformance Test belong to Specification

Can I use @page
1 result found

CSS Paged Media (@page) - WD
CSS at-rule (@page) to define page-specific rules when printing web pages, such as margin per page and page dimensions.

<table>
<thead>
<tr>
<th>IE</th>
<th>Edge</th>
<th>Firefox</th>
<th>Chrome</th>
<th>Safari</th>
<th>Opera</th>
<th>iOS Safari</th>
<th>Opera Mini</th>
<th>Android Browser</th>
<th>Chrome for Android</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>15</td>
<td>56</td>
<td>49</td>
<td>10.1</td>
<td>10.2</td>
<td>10.3</td>
<td>all</td>
<td>56</td>
<td>61</td>
</tr>
<tr>
<td>16</td>
<td></td>
<td>57</td>
<td>61</td>
<td>11</td>
<td>47</td>
<td>48</td>
<td>49</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>58</td>
<td>62</td>
<td>TP</td>
<td>48</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>59</td>
<td>63</td>
<td></td>
<td>49</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Notes
Currently no browsers appear to support the marks & bleed properties from the latest version of the specification.

Does not support the size property

https://caniuse.com/
• My 21 years in 2x30min (XML Conf 2020 Prague)
  • Past:
    Design Suggestions for XML++ (video/slides)
  • Future:
    The Next Millennium Document Format (video/slides)