



Status of the upcoming ODF 1.3

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Reason for Standards



Reason for ODF Standard

- ODF Specification
 - Blueprint for ODF applications
 - Specifying the Model (Shock frozen document)
 - ODF Tests are written against the ODF Specification (shall, should, may → error, warning, notification)
- OASIS ODF Technical Committee
 - Independent place to settle disagreements (OASIS list)
 - Base for Office Interoperability

OASIS vs. ISO

- OASIS (or ECMA)
 - OASIS / ECMA standardization have company members
 - OASIS / ECMA lead by industry for global usage
 - OASIS / ECMA comparable easy to evolve a standard
- ISO (International Organization for Standardization)
 - Slogan after II. World War: "World Peace through World Trade"
 - ISO is an international organization of national standardization groups (National Bodies)
 - Government may influence National Bodies
 - ISO “de jure”/ may dictate usage by law

Standard Usage

- Microsoft ODF promise to EU

“Microsoft’s Primary PC Productivity Applications shall support the ODF Standard ... for ten years from the effective date of this Undertaking, within 9 months of final publication by ISO of a new ODF Standard Microsoft shall support that version..”

<http://www.microsoft.com/en-us/news/press/2009/dec09/12-16statement.aspx>

Dark Side of Standards

HOW STANDARDS PROLIFERATE:
(SEE: A/C CHARGERS, CHARACTER ENCODINGS, INSTANT MESSAGING, ETC)



- <http://xkcd.com/927/>

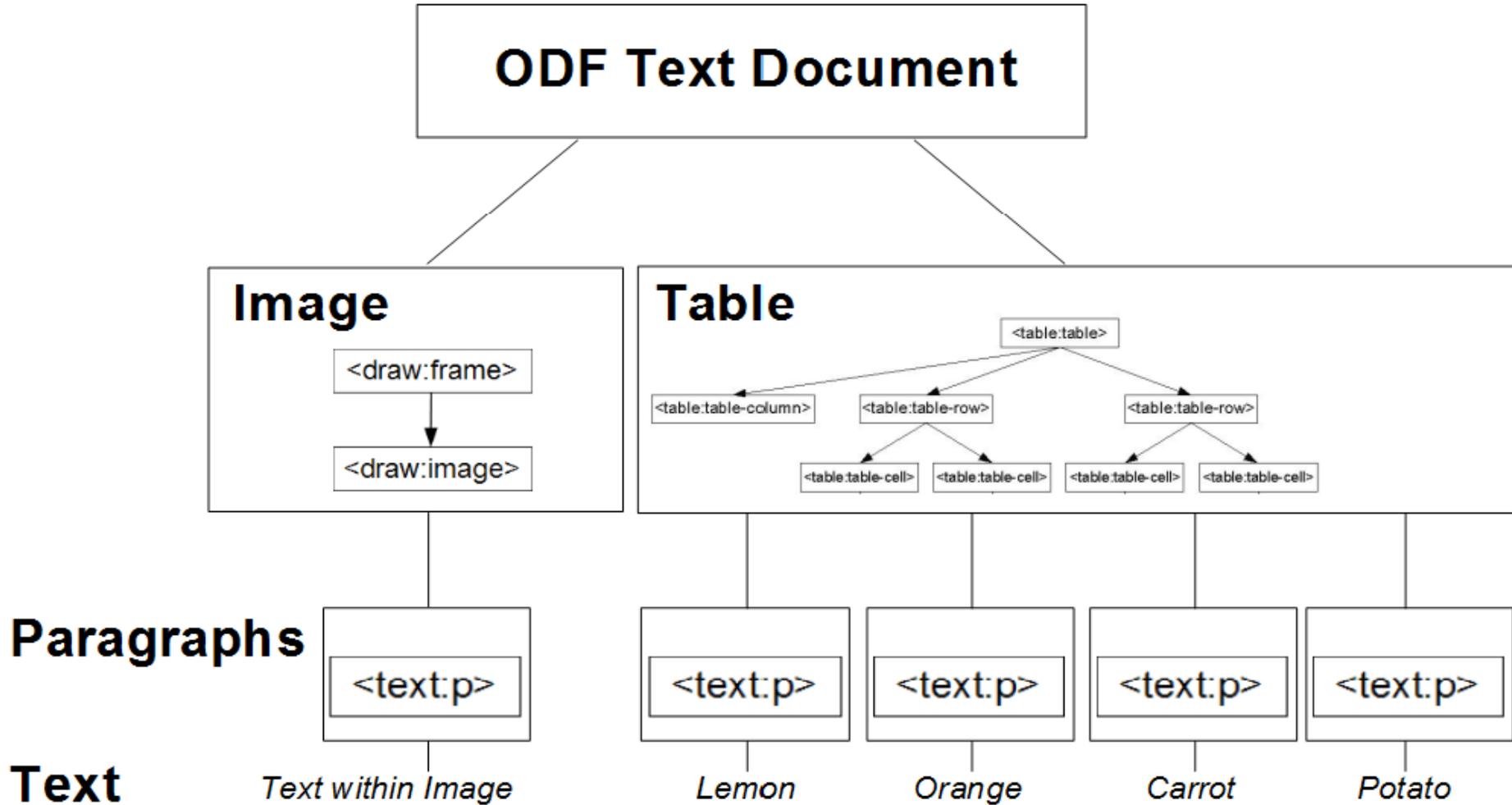
Dark Side of (File) Standards

- No Requirement:
 - Conformance Test Suite on Standardization Level (e.g. [JPEG2000](#))
 - Test document for each Feature
 - Validation Message by Standard
 - Transformation of changed Feature (ODF 1.2 with two list models)
 - Machine Readable File Specs (e.g. defaults extracted - ODF 1.2)
- Bad Designs:
 - Description not formal, instead describing app behavior (PDF 1.0)
 - Redundancies (ODF: Nesting Spans, Paragraph vs. numbered list)

ODF Interoperability / Next Feature Set

- Document Interoperability (covered)
 - ODF Applications exchange documents via Floppy Disc (Mail)
- Change Interoperability (desired)
 - ODF Applications exchange changes via Net

Semantic groups of ODF XML (Components)



Dependencies of Changes

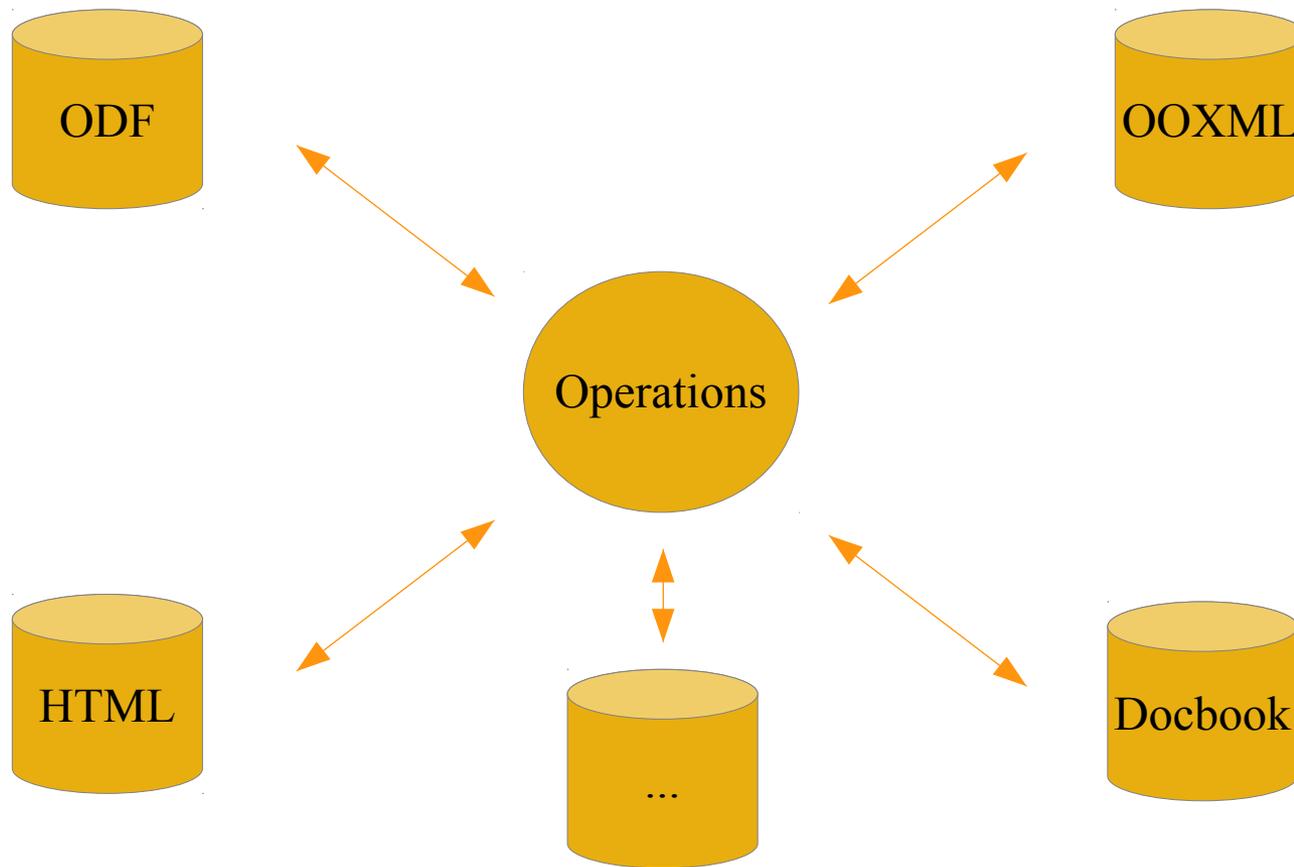
**Change Tracking
Changes**

**Undo & Redo
Changes**

**Collaboration
Changes**

The Lingua Franca of Operations

- Decouple Transformation Complexity:



Change List & Time Travel

Status - 1

```
<add type="paragraph" start="/5">First Change!</add>
```

Change List & Time Travel

Status - 1

```
<add type="paragraph" start="/5">First Change!</add>
```

Status - 2

```
<add type="paragraph" start="/2">Second Change!</add>
```

```
<add type="paragraph" start="/5">First Change!</add>
```

 Time
(latest on top)

Change List & Time Travel

Status - 1

```
<add type="paragraph" start="/5">First Change!</add>
```

Status - 2

```
<add type="paragraph" start="/2">Second Change!</add>  
<add type="paragraph" start="/5">First Change!</add>
```

↑
Time
(latest on top)

Status - 3

```
<add type="paragraph" start="/6">First Change!</add>  
<add type="paragraph" start="/2">Second Change!</add>
```

↓
Moving
operation
through time

ODF 1.3 ETA

480 Days after finishing all Documents

- **Day 1** - Submit all the documents required by the TC process, including three statements of use, etc.
Request ballot on becoming an OASIS Standard.
Up to 15 days for the TC admin to check the documents.

Assuming full 15 days + 1

- **Day 17** - Start 60 day public review as OASIS standard
- **Day 77** - Public review ends if no comments, within 7 days, TC admin starts ballot on proposed OASIS standard
- **Day 84** - Last day to start ballot 14 days for the ballot

ODF 1.3 ETA

480 Days after finishing all Documents

- **Day 98** - Ballot on OASIS standard closes
Therefore about 100 days to become an OASIS standard, assuming that we have all the documents, statements, etc.

After about 100 days the ODF TC have to submit the OASIS ODF Specification to ISO/JTC1,

<https://www.oasis-open.org/policies-guidelines/liaison#submitwork>

- **Day 100** - Special majority vote by TC. TC admin conducts 7 days minimum to submit. Then to OASIS president report, documents, etc. and they have 15 days to respond
- **Day 115** – Announced to be reviewed by general membership 30 days for review once announced to the general membership so 52 days minimum, I would say 90 days is more realistic, assuming everything is ready.

ODF 1.3 ETA

480 Days after finishing all Documents

- **Day 180** - OASIS Standards process triggered JTC 1 process there is no set time for JTC1 to do its intake processing but I would guess 2 to 3 weeks.
- **Day 200** - formal announcement from JTC1, there is a two month "translation" period where national bodies get a chance to get ready to comment/vote. Another 60 days.
- **Day 260** - there is a four month ballot, so +120 days. Plus whatever post ballot meetings. Call that +200 days if everyone is at top speed and we get no serious comments.
- **Day 480** - from start of a ballot to make ODF 1.3 an OASIS standard. Approximately. No shorter and likely longer.

ODF TC Needs Help

- ODF TC in need of companies with net collaboration interoperability
- Information on joining OASIS:
<https://www.oasis-open.org/join/benefits-matrix>
- Some bullet items for why someone should join:
<https://www.oasis-open.org/join/value>