OpenOffice.org 2.0 File Format Change Proposal

Improved Citation Support, 19 Aug 2004

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1 Paragraph Elements Content

1.1 Required changes to OASIS Open Office 1.0 Schema

This section describes changes that must be applied to the [OO] schema in order to integrate the proposed file format change.

Relax-NG Schema Prefix

The schema language used within this specification is Relax-NG (see [RNG]).

Prefix for the normative Relax-NG schema:

```
<?xml version="1.0" encoding="UTF-8"?>
<!--
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Relax-NG Schema
-->

<grammar xmlns="http://relaxng.org/ns/structure/1.0">

Required Changes

[none; the schema additions can be merge in using the ‘combine’ attribute]

Relax-NG Schema Intermediate

Intermediate for the normative Relax-NG schema:

```

1.2 Bibliographic Citation

[... to become chapter 5.9 ...]

The bibliographic citation used in this document was developed by the BiblioX project [BiblioX]. This variant is based on the biblioref element recently approved for inclusion in DocBook. The bibliographic citations use the following namespace:

```
xmlns:bib="http://www.silmaril.ie/bibliox/xbc"
```

A bibliographic citation consists of a citation source and a citation body. The citation source determines the content of a citation, which a bibliographic citation processor can then suitably render into the citation body.
1.2.1 Citation Source

A citation source consists of a sequence of bibliographic references, which as a whole make up a citation.

```xml
<define name="bib-citation-source">
  <element name="bib:citation-source">
    <oneOrMore>
      <ref name="bib-biblioref"/>
    </oneOrMore>
  </element>
</define>
```

Bibliographic Reference

A bibliographic reference contains a `bib:linkend` attribute reference to the actual citation. (The name `linkend` is derived from DocBook.) Additionally, the reference contains a number of `<bib:detail>` elements that specify which parts (a range of pages, paragraphs, etc.) of the reference are being cited. Also contained are a sequence of captions that may lead or follow the bibliographic reference.

```xml
<define name="bib-biblioref">
  <element name="bib:biblioref">
    <ref name="bib-biblioref-attlist"/>
    <zeroOrMore>
      <ref name="bib-detail"/>
    </zeroOrMore>
    <zeroOrMore>
      <ref name="bib-caption"/>
    </zeroOrMore>
  </element>
</define>
```

The `bib:linkend` attribute names the bibliographic entry that is cited here.

```xml
<define name="bib-biblioref-attlist" combine="interleave">
  <attribute name="bib:linkend">
    <data type="token" datatypeLibrary=""/>
  </attribute>
</define>
```

The optional `bib:citation` attribute gives a hint to the citation processor how this bibliographic reference is to be rendered. The interpretation of the attribute value is left to the citation processor.

```xml
<define name="bib-biblioref-attlist" combine="interleave">
  <optional>
    <attribute name="bib:citation-style">
      <ref name="string"/>
    </attribute>
  </optional>
</define>
```

Bibliographic Reference Detail

The `<bib:detail>` element provides details on which parts of the referenced citation is being referred to. It gives a range of pages (or similar) which is covered by the citation. The `bib:units` attribute specifies whether the range refers to pages, chapters, lines, paragraphs or figures.

```xml
<define name="bib-detail">
```

---

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Reference Caption

The caption contains formatted text to lead or follow the citation.

1.2.2 Citation Body

The citation body contains a rendition of the citation using the same content model as a
<text:span> element. This allows applications to process bibliographic citations without having to
implement the full citation logic, and also allows specialized bibliographic software to pre-process
 citations without having to implement the full OASIS Open Office 1.0 specification.<define
name="bib-citation-body"
1.3 Relax-NG Schema Suffix

Suffix for the normative Relax-NG schema:

```xml
</grammar>
```
Appendix A. References
