ZedAI telcon 20091130

From zedwiki

Note: this meeting will be held at 2100h UTC. Find the meeting time in your geographical location (http://www.timeanddate.com/worldclock/fixedtime.html?month=11&day=30&year=2009&hour=21&min=0&sec=0&p1=0).

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Present

Markus (scribe), Boris, Per, Dennis, Josh, Sam

Regrets

Kenny

Previous Telcon

ZedAI_telcon_20091019
**Action Items**

**New**

- sam: go through contentselection feature sample with markus
- dennis find out if math:switch supports mathml-for-css
- dennis what symbols are used to denote the types? point us to where switch is explained. Need to figure out relation to our content selection feature.
- markus: add math role to vocab, add prose to MathML feature doc that explains its restricted use.
- markus check how math/@id and else/@xml:id works in RelaxNG and XSD.
- markus investigate pros/cons of going back to using id?
- markus implement simple SVG feature (object only)

**Brought Along**

- Boris: start documenting object and annotation
- Sam - write a sample of content selection feature - multilingual document - declaration of human rights
  DONE - NEEDS REVIEW, see Issue 87 (http://code.google.com/p/zednext/issues/detail?id=87)
  @markus and sam talk on friday
- Boris/Markus - ask ViewPlus et al about the SVG namespace-inject issue [ONGOING @markus]
- Kenny - own the page continuator issue (note, we have a similar lurker in terms of running heads)
- Markus Matt, James, to create a wiki formulating an out-of-line metadata proposal. Then circulate to interested parties (IFLA group, WIPO, board, etc) [ONGOING]]
- Boris: help deal with svg integration, help with object documentation and samples, address issue 9 [ONGOING]
- Dennis: solve Issue 60 (http://code.google.com/p/zednext/issues/detail?id=60)
- Dennis: solve Issue 61 (http://code.google.com/p/zednext/issues/detail?id=61)
- Dennis: solve Issue 46 (http://code.google.com/p/zednext/issues/detail?id=46)
- Josh: solve Issue 50 (http://code.google.com/p/zednext/issues/detail?id=50)
- Markus to add spec prose on cascading level for inline styles: "For the purposes of the CSS cascade, these values are considered author-level"

**Previous Minutes**

ZedAI_telcon_20091102

**Agenda/Minutes**

Reminder: ZedAI_Iteration4_Report#Deliverables_for_the_next_iteration deliverables for the next iteration

Note: discussions ongoing with W3C PF re the future of W3C Role (help by Gregory)
Note: [r451](http://code.google.com/p/zednext/source/detail？r=451), done today, includes the current state of lists and metadata changes.

**SVG feature**

Decision to do the first version as an object-only feature.

**Timelines**

Markus and George talked to NISO. We need three dates:

- date for this iteration release (can postpone SVG): *December 21*
- date for RC draft iteration release (must include all artifacts we intend to ship, only documentation polishing and bugfixes after this release) *February 15*
- date for submission as draft standard for trial use: *End March 2010*

Major remaining items before RC:

- schema and module documentation (the latter is abstract definitions of core modules (in spec) and feature modules (in feature RDs)). @Per and Markus talk about that
- spec finalization, primer updates
- SVG integration
- object mimetypes
- (optional but lots of fun) magazines+journals profile
- (optional but lots of fun) drama feature (TEI P5), drama profile

**Metadata**

Are we ready to commit to the new solution? Topic page: ZedAI_Meta_Data_-_OutOfLine_Proposal

(Spec editors: see ZedAI_Meta_Data_-_OutOfLine_Proposal#Consequences_on_the_spec)

Current vocab: z3986-decl-rdfa-vocab.html

Q to James: is publisher contact info needed.

Markus: meta[record] should reference a resource... if resource="." then you can use the document rdf/a to make the document its own bibliographical record if you want to.

**Lists**

Status update

Topic page: ZedAI_Lists_Proposal

Current state on trunk:

- z3986-list.rng (http://code.google.com/p/zednext/source/browse/trunk/src/schema/mod/z3986-list.rng)
- z3986-bibliography.rng (http://code.google.com/p/zednext/source/browse/trunk/src/schema/mod/z3986-
bibliography.rng)
- z3986-index.rng
- z3986-glossary.rng
- z3986-feature-rend.rng

Markus: bibliography, index, glossary are strikingly similar, may change later on.

Boris: is the recommended way to use CSS for styling, or inline via the rend?

Per: Index: will there be any mechanism to point to a specific page? The reference element is a natural member of the index/entry content model.

**Dennis on Math types (Issue 61)**

**Issue 60**

David Carlisle's response suggest to use plain-old ID.

Pro: copy/paste will work

Con: we get two attributes with the ID type. @markus check how this works in RelaxNG and XSD.

Boris: could we go back to using id? Markus @markus have a look at it.

**Issue 61**

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The variety of schema choices permits use of particular subsets of MathML 3. As with MathML 2, MathML 3 provides two major "dialects" – content and presentation. MathML 3 adds "strict" and "pragmatic" variations to content MathML.

So which schema fragments to use will be determined by which type of MathML we support in Zed Next: Presentation, Strict Content, or Pragmatic Content.

I suggest we take the same approach as in the existing MathML-in-DAISY spec. It states that Presentation MathML MUST be used and Content MathML is optional via parallel mark-up. In parallel mark-up both Presentation and Content MathML are given and the rendering agent can choose between them.

If we take this approach, then we should use either the Presentation-only schema or the complete schema. To use the Presentation-only schema we use:

```xml
include "mathml3.rnc" {MathExpression = semantics | PresentationExpression}
```

according to http://www.w3.org/TR/MathML3/appendixa.html#parsing.rnc.module. To use the complete schema we use:

```xml
# A RelaxNG Schema for XHTML+MathML
include "xhtml.rnc"
math = external "mathml3.rnc"
inline.class |= math
block.class |= math
```
---
Markus: a switch-like structure. Is it a part of MathML? Dennis: part of MathML.

Markus: does this switch include MathML for CSS?

@dennis find out if switch supports mathml-for-cs?

@dennis what symbols are used to denote the types? point us to where switch is explained. Need to figure out relation to our content selection feature.

**Issue 46**

Dennis: real issue seems to be when alttext and alting should be required.

Dennis suggest that role='math' be included, and stated that it should only be used when single number or identifier. This means that alttext and alting can remain required.

Markus: at this point alttext and alting are not stated to be required in ZedAI. Content selection has the content-supported feature which is optional.

Markus: would x sup 2 be allowed in simplified? Dennis: would think not. The problem is when generating alttext and alting.

Markus: how do we enforce that people dont misuse role="math"?

@markus: add math role to vocab, add prose to MathML feature doc that explains its restricted use.

**Next call**

December 21st.


Category: ZedAI telcon