DFDL WG Call Agenda

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Meeting about Meetings\OGF

Project	**DFDL 1.0**
Meeting Date	**11-Apr-14 (Fri)**
Meeting Time	**15:00 - 16:00**

Created by Steve Hanson on 09-Mar-11
Last Modified by Steve Hanson on 10-Apr-14

OGF DFDL Working Group Call , 11 April 2014

Agenda

Prepare for your meeting by describing the objectives (both immediate and long-term, if appropriate) of the meeting; and describe key plan details.

1. Daffodil Open Source Project
Status update.

2. Clarify interaction between alignment and leadingSkip   / trailingSkip
Following an email from Mike asking what effect alignment had on leadingSkip (the answer is there is no effect), Steve noted that the paragraph in section 11.1 that describes the AlignmentFill region calculation is insufficient . Revised words sent to mailing list.

3. AOB

Minutes

Meeting Minutes

Reflect on your meeting as you record all topics and issues discussed , and any tabled conversations . What went well, or what would you do differently next time ? Document those so others can take advantage of your learning .

Attendees

Apologies

IPR Statement
"I acknowledge that participation in this meeting is subject to the OGF Intellectual Property Policy ."

Minutes

Meeting closed

Next regular call
Tues 15th April @ 16:00 UK

Action Items and Other Meeting Documents

Subject	Document Type	Created	Modified

Next action: **256**

Actions raised at this meeting

No	Action

Current Actions :

No	Action
224	**Add section for implementation defined limits (Jonathan)** 3/9: Several places in the spec cite this, should be grouped. Currently partially listed in section 2.6. Also note distinction between 'implementation defined' and 'implementation dependent'. Check spec for correct usage. Resolve during public comment. 10/9: No progress 17/9: Jonathan sent a reference to the W3C XProc standard where the distinction is made clear. Jonathan will go through the spec and gather everything that is implementation defined/dependent. Public comment to be raised 24/9: With Jonathan to raise.

1/10: Public comment 97 raised (http://redmine.ogf.org/boards/15/topics/97)
8/10: With Jonathan to provide words.
22/10: Jonathan has defined implementation defined/dependent and started to classify. Steve and Mike had trouble with the definitions, Steve to re-word and send for comment.
31/10: Reworded version sent
5/11: Rewording approved. Jonathan proceeding with classification, will distribute for review when complete.
...
28/1: Still with Jonathan
5/2: Jonathan is up to section 12.7. Discovered an issue with binary packed calendars, new **action 252** raised.
...
11/2; No more progress
18/2: Jonathan has around 20 changes identified so far, and has sent for an initial review. Comments back to Jonathan before next week's call please.
11/3: Reviewed the document so far. Decided that imprecise size limits are implementation-dependent not implementation-defined. Jonathan to update and complete document, and propose errata that result.
25/3: No further progress
11/4:

228	Review set of tutorial lessons (All)

17/9: Lesson 1 proposes a set of lessons, needs reviewing as over 2 years old.
...
22/10: No progress
31/10: Becoming a focus for Tresys. Steve to send his 'Modeling Data Formats using DFDL' powerpoint.
...
19/11: No further progress
26/11: Possibility of help from MITRE high-school student, and from Marisa at IBM.
...
11/3: No further progress
25/3: MITRE have produced a couple of new tutorials under the guidance of James Gariss. Jonathan to forward for review.
Mike observed that an html tutorial could be generated from a tdml file using XSLT.
11/4:

242	Public comment : dfdl:valueLength and dfdl :contentLength descriptions (Mike)

19/11: http://redmine.ogf.org/boards/15/topics/63. Agreed that the function names were ok as per errata 3.18, and that the spec is clear that they refer to the grammar regions. However the grammar regions mentioned do not fully include literal nil values . Discussed what happens when parsing - remember the length or re-parse? What about lengthUnits 'characters' when the data is binary? Also the 'Notes' that follow the table need to be reworked.
26/11: Needs wording to handle all the issues found, assigned to Mike.
...
11/3: Still with Mike
25/3: Mike has sent out revised wording, reviewed by Mark and Steve. Noted that the words need to explain the concept of building a complex element from the bottom up, and these words are equally applicable to several places in section 12.3. Mike to revise accordingly.
11/4: More revised wording sent by Mike.

248	Discriminators and potential points of uncertainty (Steve)

28/1: Steve to write up a proposal to prevent a discriminator from behaving in a non-obvious manner when used with a potential point of uncertainty that turns out not to be an actual point of uncertainty.
5/2: Steve sent an email to check whether choice branches, unordered elements and floating elements should always be actual points of uncertainty, as there are times when there is no uncertainty, eg, last choice branch; all floating elements found. It was decided that they are always actual points of uncertainty. To do otherwise will complicate implementations and result

	in fragile schemas. Steve will proceed with the proposal on that basis.
	...
	11/4: Proposal sent to mailing list by Steve.
250	**Standardise on a single tdml format for DFDL tests (All)**
	5/2: Steve has requested permission for IBM to view / use the Daffodil tdml files, as a precursor to trying to standardise on a common tdml format. Was formerly part of action 066.
	...
	18/2: No further progress
	11/3: Mike and Steve discussing the best way to share and cooperate on tdml format.
	25/3: Discussed the creation of an OGF document that will own and define a standardised tdml format.
	11/4: No further progress
253	**IBM translator issue : Wording for initiator , terminator, separator that describes string literal matching (Mike)**
	25/3: Need to make more understandable the paragraph that talks about matching the list of string literals against the data.
	11/4:
254	**Zoned decimal code points , not characters , are constant (Steve)**
	25/3: Spec needs wording changed.
	11/4: Updated words sent to mailing list by Steve.
255	**Current rules on when lengthUnits 'bits' can be used (Mike)**
	25/3: Mike will look at his scenarios and see whether the rules need to change .
	11/4: More thoughts from Mike via email.

Closed actions

No	Action

Deferred actions

No	Action
131	**Transformation of DFDL properties to a canonical form (Joe)**
	08/12: Joe has produced a XSLT to transform a DFDL schema to a canonical element form . When tested it should be made available on the WG gidforge site.
	15/12: Alan tested against test dfdl schema which worked correctly (after fixing some errors in the schema)
	22/12: no update
	12/01: Joe has some defects to fix before making available on gridforge.
	19/01: There is a difficult problem to solve before Joe make the style sheet public
	26/01: Working on problems
	02/02: no progress
	09/02: As it wasn't a simple as exoected this will be treated as a low priority action
	23/02: Low prioity
	09/03: Low priority
	30/03: Deferring for now
200	**Establish recommended practices for pushing changes to GitHub (Mike)**
	29/1: Mike will talk to Tresys who have used Git a lot .
	5/2: Mike to talk to Tresys this week, Tim has sent some links.
	12/2: Information sent by Mike, Steve to review.
	...
	2/12: No further progress
	14/1: Deferring until needed
233	**Public comment : Formats with bit order reversed (Mike)**
	1/10: http://redmine.ogf.org/boards/15/topics/43. Mike to provide words for potential new

	property for review. 8/10: Words sent by Mike generated considerable discussion. Mike will update the words to make the subject more consumable, and move the bulk of the discussion to a new main section at the end of the spec (suggest between existing sections 24 & 25). 22/10: Mike wants to have a working implementation before closing on this, so marking the public comment as deferred. 31/10: Deferring for now
241	**Public comment : Bi-di properties placement in precedence section (All)** 7/11: This looks deliberate but the asymmetry between parsing and unparsing is unclear. Really needs Daffodil or IBM DFDL to implement these properties, which has not happened yet. Deferring this action.
251	**Create official error codes (All)** 5/2: Create official error codes for all possible errors implied by the DFDL spec. This is a big piece of work, so this action is deferred for now. Was formerly part of action 066.

Work items :

No	Item	Owner	Target	Status
045	Resolve public comments and incorporate into spec GFD.207	All	2014-04-01	Pending