DFDL WG Call Agenda

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Meeting about Meetings\OGF

Project	**DFDL 1.0**
Meeting Date	**18-Mar-14 (Tues)**
Meeting Time	**16:00 - 17:00**

Created by Steve Hanson on 09-Mar-11
Last Modified by Steve Hanson on 17-Mar-14

OGF DFDL Working Group Call , 18 March 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. Default and Fixed XSDL attributes
Suggestion from Jonathan via email that a statement could be added that these behave like XSDL specifically they are mutually exclusive on a given element .

3. Questions from IBM translators
The DFDL 1.0 specification (current GFD.207) is shipped in the IBM Infocenter that accompanies IBM DFDL. It is shipped as a whole, and the property descriptions are also available via the F 1 help key in the IBM DFDL editor. The latter are translated and a number of questions have come back from translators who are struggling with some of the more complex sentences . Suggest that these are forwarded to the DFDL WG to see if the language can be made clearer.

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
17:00 UK

Next regular call
Tues Mar 25th 16:00 UK

Create Action Items

Record the to-do's and individuals assigned by entering the appropriate information in the form below . Press the "Create Action Items" button to create specific to do's that can be tracked in the assignee 's Work for Me views. " All Action Items will be tracked in the Action Items and Other Meeting Documents tab .

Action Items and Other Meeting Documents

Subject	Document Type	Created	Modified

Next action: **253**

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. 18/3:
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. ... 18/3: No further progress
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. ... 18/3: Still with Mike
246	Refactor DFDL spec into a multipart MS Word document (Mike) 28/1: Mike to see whether this solves the fragility and size problems that the spec experiences today. ... 11/2: Not started 18/2: Multipart MS Word document sent to Steve for evaluation. Some tables affected but overall looks promising. Mike to continue. ... 18/3: Still with Mike
247	Update DFDL errata documents to incorporate public comments (Steve) 28/1: To keep all spec issues documented in one place, the public comments will be added to

No	Action
	the errata documents. ... 18/2: Not started 11/3: Updated experience documents mailed to WG. One issue noted - action 252 not fully covered by erratum 2.159. Steve to update and resend. 18/3: Updated and resent
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. ... 11/3: No further progress 18/3:
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. 18/3:

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