TeamRoom Plus

This OPEN document will not be filed. It is being kept active.

Meeting about Meetings\OGF

Project	**DFDL 1.0**
Meeting Date	**22-Dec-10 (Wed)**
Meeting Time	**15:00 - 16:00**

Created by Alan Powell on 22-Dec-10
Last Modified by Alan Powell on 22-Dec-10

OGF DFDL Working Group Call , 22 December 2010

Agenda

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

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 .

Open Grid Forum : Data Format Description Language Working Group

OGF DFDL Working Group Call , 22 December 2010

Attendees
Steve Hanson (IBM)
Alan Powell (IBM)

Apologies
Suman Kalia (IBM)
Bob McGrath (NCSA)
Joe Futrelle (NCSA)
Stephanie Fetzer (IBM)

1. Current Actions
Updated below.

2. QName does not allow empty space
Change property type of dfdl:escapeSchemeRef and dfdl:hiddenGroupRef from "Qname" to "QName or empty Space" (Not needed for prefixLengthType as it is controlled by lengthKind "prefix")
Agreed

3. DFDL namespace URI

Should the DFDL namespace URI be changed to http://www.ogf.org/dfdl/dfdl-1.0/ (add trailing /)
Agreed

4. Status of OGF DFDL V 1 review

OGF concerns related to confusion over IBM patents. IBM has clarified that no patents need to be declared
Expecting approval soon. Updated version of spec will be uploaded this week.

5. AOB

- Next call Jan 12th 2011.

There are new dial in numbers for WG calls next year
Passcode for Participants: 5381214

Canada   Toll-Free   888-426-6840
China   Toll-Free   10-800-711-1071 CHINA NETCOM GROUP USERS
China   Toll-Free   10-800-110-0996 CHINA TELECOM SOUTH USERS
France   Toll-Free   0800-94-0558
Germany   Toll-Free   0800-000-1018
India   Toll-Free 000-800-100-1176
Ireland   Toll-Free   1-800-943-427
Israel   Toll-Free   1-809-417-783
United Kingdom   Caller Paid   0-20-30596451
United Kingdom   Toll-Free   0800-368-0638
USA   Caller Paid   215-861-6239
USA   Toll-Free   888-426-6840

Meeting closed, 15:35
Next call Wednesday 12 January 2011 15:00 UK (10:00 ET)

Create Action Items

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Action Items and Other Meeting Documents

View: ResultDocs

Next action: **133**

Actions raised at this meeting

No	Action

Current Actions :

No	Action
066	Investigate format for defining test cases 25/11:IBM to see if it is possible to publish its test case format. 04/12: no update ... 17/02: IBM is willing in principle to publish the test case format and some of the test cases. May need some time to build a 'compliance suite' 24/03: No progress 03/03: Discussions have been taking place on the subset of tests that will be provided. 10/03: work is progressing 17/03: work is progressing 31/03: work is progressing 14/04: And XML test case format has been defined and is being tested. 21/04. Schema for TDML defined. Need to define how this and the test cases will be made public 05/05: Work still progressing 12/05: Work still progressing 02/06: Work still progressing on technical and legal considerations ...

	25/08: Will chase to allow Daffodil access to test cases. The WG should define how implementation confirm that they 'conform to DFDL v1' 01/09: IBM still progressing the legal aspect. Intends to publish 100 or so tests as soon as it can, ahead of a full compliance suite. 08/09: IBM still progressing 15/09: IBM still progressing, expect tests to be available within a few weeks 22/09: IBM still progressing, expect tests to be available within a few weeks 29/09:Test cases are being prepared. 06/10: Some test cases should be available next week. Steve would like to be able to show the test case information at OGF 30. 13/10: Still progressing 10/11: Legal issues cleared, IBM in process of collecting 100 example test cases, ideally ones that fit the 'extended conformance' of NCSA Daffodil 17/11: Work is progressing on verifying the test cases. It should be possible to distribute to the WG in 2 weeks. 24/11: About half the test cases have been completed and are being reviewed internally. 01/12: Test cases should be available shortly 08/12: The test cases are in internal IBM review. Probably need a bit of reorganising before publication Stephanie gave a brief overview of the format of the test cases. 15/12: Ruth joined the call to provide the latest status. The test cases have been updated and a draft read.me produced. Although not ready for public distribution Ruth will send them to Joe for feedback. 22/12: Test cases were sent to Joe for initial testing which found some problems in the Daffodil parser
111	**Daffodil DFDL parser** 11/08: Bob and Alejandro described the new implementation that they have developed. It is a new code base and is not based on the Deffudle prototype. It is written in scala and implements approximately 80% of the features in the public comments draft of DFDL V1. Alejandro will send a list of the features not implemented. We discussed the scenarios that motivated the development which was to extract data from various sources and transform into canonical formats. Bob offered to make Daffodil available for the WG to assess the functionality. IBM WG members will get approval the company to allow them to receive Daffodil. Bob raised the question that if Daffodil becomes the public implementation of DFDL then we will need to work out how that would be funded and managed. It would be helpful if IBM test cases were available to Daffodil. IBM will investigate 25/08: Alejandro had sent a list of the functions that he has implemented and Steve ahd responding indicating the extra functions he thought were essential. Since then Alejandro has implemented some of the missing functions, such as escape schemes, pre-defined variables, binary decimal numbers, etc, and will update his list. Bob is planning to make the parser available on the internet to allow testing. His organisation is being reorganised and he doesn't know what the priority of Daffodill will be so it is essential that we move quickly. It would help if IBM could indicate its support for Daffodil in some semi-formal way. 01/09: Alejandro updating Daffodil to include escape schemes, unordered sequences and ignoreCase. Daffodil being placed under formal source control in anticipation of external release. Bob has a start October deadline to create a report on what has been done for his sponsors. It would be great if we could get Daffodil on the web and have run some IBM tests so it could be highlighted at OGF 30 at end October. 08/09: Alejandro is marking up Spec draft 42 to indicate which features Daffodil implement. Bob expects Daffodil to be available on the web soon. 15/09: Alejandro had indicated in the specification which functions were implemented in Daffodill. Steve had reviewed and identified which function need to be implemented and which could be considered optional (see action 099). Alejandro is implementing the missing core functions. There was some discussion about the limitations on unordered groups. (stop value

	and expression not supported). It was agreed that it should be a schema definition error if dfdl:occursCountKind is 'stopValue' on any element within an unordered sequence and a floating element. 22/09: not discussed 29/09: not discussed 06/10: Alejandro has left NCSA. Bob is making the case for continuing and having a replacement. Bob to agree with Steve what can be said at OGF30. 13/10: Bob still progressing project funding and making Daffodil publically available . 10/11: NCSA internal & sponsor (US National Archive in Washington DC - Electronic Records Administration) reviews passed. NCSA have new resource allocated - Joe Futrelle. Bob has started open source paperwork. ETA end December. 17/11: Joe has started coming up to speed with Daffodil. Bob is waiting for signoff from the university to open source the code. 24/11: not discussed 01/12: Joe is becoming familiar with the code. Waiting for university to give permission to make available. 08/12: Disclosure process in progressing. Bob has permission to make the web page available so hopefully that will be soon. The US National Archive have an article on their website about DFDL. Unfortunately it is a little out of date. 15/12: Hope to get permission to make the source code available within days. Web demo page will be available when resources have been identified. 22/12: An internal demonstration web page has been made available. Initial testing highlight some problems. Joe investigating.
112	**DFDL certification process** 25/08: Discussed how to certify DFDL implementations. Alan to investigate if OGF have a defined process. 01/09: In progress, spec needs to state what conformance means, as part of this work 08/09: Discussed what needs to be said in the spec and agreed that details of a conformance test suite should be in another document. Alan to draft conformance section. 15/09: Alan had look at the conformance sections in XML and Schema specifications both of which indicate sections which must be implemented. None just say 'execute the test suite'. They talk in terms of conformance of document, schema and processors.. 22/09: no progress 22/09: Alan has added short Conformance and Optional Features sections to spec which was briefly discussed. Discussed naming for processors that don't implement optional features and those that implement all features. 06/10: Need to decide what/how test cases and certification process should occur 13/10: no progress ... 08/12: no progress 15/12: no progress 22/12: no progress
123	DFDL tutorial 13/10: Draft of first 3 chapters has been written and will be distributed to WG 10/11: Posted to grid forge here (http://forge.gridforum.org/sf/go/doc16106?nav=1), work continuing at IBM to define a standard example-based chapter framework and to author additional chapters. Contributors welcome! 17/11: Steve, Stephanie and Alan had a meeting to discuss the best structure for the tutorial and decide which examples to use throughout. The meeting raised more questions. Further discussions will be held. 24:11: The list of topics to be covered in the remaining lessons has been produced and a lesson template. Alan will write lesson 4 01/12: Alan has started lesson 4 which covers fixed and variable fields and arrays. 08/12: Alan has almost completed lesson 4. Will send out for review.

		15/12: First draft of lesson 4 is available for review. Alan to send to Bob and Joe. 22/12: Alan has distributed drafts for tutorials on Basic Structure and Optional/Repeating elements. Please review
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132	Publishing DFDL xsd 08/12: Agreed that it should be made available. Suman has started the approval process in IBM 15/12: no progress 22/12: no update	

Closed actions

No	Action

Work items:

No	Item	target version	stat
042	Mapping of the DFDL infoset to XDM	none	not
070	Write DFDL primer		

0 7 1	Write test cases.		

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Meeting about Meetings\OGF

Project	**DFDL 1.0**
Meeting Date	**15-Dec-10 (Wed)**
Meeting Time	**15:00 - 16:00**

Created by Alan Powell on 15-Dec-10
Last Modified by Alan Powell on 15-Dec-10

OGF DFDL Working Group Call , 15 December 2010

Agenda

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

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 .

Open Grid Forum : Data Format Description Language Working Group

OGF DFDL Working Group Call , 15 December 2010

Attendees
Stephanie Fetzer (IBM)
Steve Hanson (IBM)
Alan Powell (IBM)
Bob McGrath (NCSA)
Joe Futrelle (NCSA)
Ruth Wiegand (IBM)

Apologies
Tim Kimber(IBM)
Suman Kalia (IBM)

1. Current Actions
Updated below.

2. Confirm that array stopValue is not part on the infoset .
For computability with the array being end by a literal terminator the stopValue should not be part of the infoset

3. Additional separatorPolicy ?

Currently:

required   all separators must be found when parsing and will be output when unparsing
suppressedAtEndStrict   trailing missing element separators must not be found when parsing and will not be output when unparsing
suppressedAtEndLax   trailing missing element separators may be found when parsing and will not be output when unparsing
suppressed   missing element separators may be found when parsing and will not be output when unparsing

Take a user who is tolerant as to whether separators need to be present when parsing, but wants them output when unparsing. We can't support that. It needs the application of 'lax' to 'required'.
The use case was not thought common so will not be included in DFDL v1.

4. Status of OGF DFDL V 1 review

Comment from review
```
There are some concerns about potential intellectual property claims and
licensing, which the standards council would prefer are resolved prior to
publication.
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We have not been able to find out what the concerns are but will continue to pursue.

5. AOB
- Next call Jan 5th 2011?
Decided to have a call next week (22 Dec)

Meeting closed, 15:45
Next call Wednesday 22 December 2010 15:00 UK (10:00 ET)

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Closed actions

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Work items:

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070	Write DFDL primer		
071	Write test cases.		

TeamRoom Plus

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Meeting about Meetings\OGF

Project	**DFDL 1.0**
Meeting Date	**08-Dec-10 (Wed)**
Meeting Time	**15:00 - 16:00**

Created by Alan Powell on 08-Dec-10
Last Modified by Alan Powell on 08-Dec-10

OGF DFDL Working Group Call , 08 December 2010

Agenda

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Open Grid Forum : Data Format Description Language Working Group

OGF DFDL Working Group Call , 08 December 2010

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Stephanie Fetzer (IBM)
Steve Hanson (IBM)
Alan Powell (IBM)
Bob McGrath (NCSA)

Apologies
Tim Kimber(IBM)
Joe Futrelle (NCSA)
Suman Kalia (IBM)

1. Current Actions
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2. Publishing DFDL xsd
08/12: Agreed that it should be made available. Suman has started the approval process in IBM

3. AOB

Meeting closed, 15:45
Next call Wednesday 8 December 2010 15:00 UK (10:00 ET)

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12/05: Work still progressing
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24/11: About half the test cases have been completed and are being reviewed internally.
01/12: Test cases should be available shortly
08/12: The test cases are in internal IBM review. Probably need a bit of reorganising before publication
Stephanie gave a brief overview of the format of the testcases.

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	11/08: Bob and Alejandro described the new implementation that they have developed. It is a new code base and is not based on the Deffudle prototype. It is written in scala and implements approximately 80% of the features in the public comments draft of DFDL V1. Alejandro will send a list of the features not implemented. We discussed the scenarios that motivated the development which was to extract data from various sources and transform into canonical formats. Bob offered to make Daffodil available for the WG to assess the functionality. IBM WG members will get approval the company to allow them to receive Daffodil. Bob raised the question that if Daffodil becomes the public implementation of DFDL then we will need to work out how that would be funded and managed. It would be helpful if IBM test cases were available to Daffodil. IBM will investigate 25/08: Alejandro had sent a list of the functions that he has implemented and Steve ahd responding indicating the extra functions he thought were essential. Since then Alejandro has implemented some of the missing functions, such as escape schemes, pre-defined variables, binary decimal numbers, etc, and will update his list. Bob is planning to make the parser available on the internet to allow testing. His organisation is being reorganised and he doesn't know what the priority of Daffodill will be so it is essential that we move quickly. It would help if IBM could indicate its support for Daffodil in some semi-formal way.

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123	DFDL tutorial 13/10: Draft of first 3 chapters has been written and will be distributed to WG 10/11: Posted to grid forge here (http://forge.gridforum.org/sf/go/doc16106?nav=1), work continuing at IBM to define a standard example-based chapter framework and to author additional chapters. Contributors welcome! 17/11: Steve, Stephanie and Alan had a meeting to discuss the best structure for the tutorial

	and decide which examples to use throughout. The meeting raised more questions. Further discussions will be held. 24:11: The list of topics to be covered in the remaining lessons has been produced and a lesson template. Alan will write lesson 4 01/12: Alan has started lesson 4 which covers fixed and variable fields and arrays. 08/12: Alan has almost completed lesson 4. Will send out for review.
124	DFDL web content on OGF standards pages 13/10: no progress 10/11: no progress 17/11: Alan has looked at the OGF web pages and there aren't many standards listed. Some of the links point to very short primers rather than the specification 08/12: Alan to produce some information to be ready for when spec is approved. Still no word about is it was discussed/approved at OGF meeting
129	Press release to publicise DFDL Steve is pulling together a press release at IBM. Want to include as many contributors and interested parties as possible.NCSA are keen to be included. Also likely that US National Archive will want to be included. Mike has indicated OCO are too. 17/11: no progress 08/12: Still no response from IBM press office
131	Transformation of dfdl properties to a canonical form 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.
132	Publishing DFDL xsd 08/12: Agreed that it should be made available. Suman has started the approval process in IBM

Closed actions

No	Action
130	**Use of DFDL by OMG MARS IEF ITS** 17/11: Gary gave us some background on how the standards process at OMG works in practice. He described the status of the IEF work group and the RFI that the DFDL WG had responded to. He suggested it would require direct support from interested parties, such as members of the OGF DFDL WG, to have DFDL adopted which would require a considerable commitment of time and resource. Steve will contact the IBM OMG representative to discuss further actions 24/11: Steve has emailed IBM OMG contacts but had no response 01/12: Objective is to get OMG to endorse DFDL not to go through another review/update cycle. 08/12: Steve has talked to IBM OMG representative to discuss best way to proceed. Suggests that we need to show how DFDL can be used with existing OMG standards. Steve to raise a problem with MDMI to update references to DFDL. The ISO/IEC JTC 1/SC 34 DSDL project's main objective is to bring together different validation-related tasks and expressions to form a single extensible framework. It references quite a few technologies and DFDL should be applicable. Steve to pursue.

Work items:

N	Item	target	stat

o		version	
0 4 2	Mapping of the DFDL infoset to XDM	none	not
0 7 0	Write DFDL primer		
0 7 1	Write test cases.		

TeamRoom Plus

This OPEN document will not be filed. It is being kept active.

Meeting about Meetings\OGF	
Project	**DFDL 1.0**
Meeting Date	**01-Dec-10 (Wed)**
Meeting Time	**15:00 - 16:00**

Created by Alan Powell on 01-Dec-10
Last Modified by Alan Powell on 01-Dec-10

OGF DFDL Working Group Call , 01 December 2010

Agenda

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

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 .

Open Grid Forum : Data Format Description Language Working Group

OGF DFDL Working Group Call , 01 December 2010

Attendees
Stephanie Fetzer (IBM)
Steve Hanson (IBM)
Alan Powell (IBM)
Suman Kalia (IBM)
Bob McGrath (NCSA)
Joe Futrelle (NCSA)

Apologies
Tim Kimber(IBM)

1. Current Actions
Updated below.

2. DFDL V1 Specification review status .
The spec was due to go to the OGF technical committee for approval on Monday. Haven't heard if it did nor the result. We have a short window to correct errors in the spec before it is finally published .

Steve suggested that the use of xs:length for dfdl:lengthKind "implicit" should be dropped as it added complexity especially in tooling. Agreed

3. AOB

Joe had some questions which were answered. He will send Alan some errors he has noticed in the spec.

- Give the 3 forms that properties can use, is there a canonical form and an XSLT style sheet that converts to that form? The canonical form would be the element form as it is the most flexible in terms of the values that can be specified. It would be useful to have a transformation available.

Meeting closed, 15:45
Next call Wednesday 8 December 2010 15:00 UK (10:00 ET)

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

View: ResultDocs

Next action: **132**

Actions raised at this meeting

No	Action

Current Actions :

No	Action
066	Investigate format for defining test cases 25/11:IBM to see if it is possible to publish its test case format. 04/12: no update ... 17/02: IBM is willing in principle to publish the test case format and some of the test cases. May need some time to build a 'compliance suite' 24/03: No progress 03/03: Discussions have been taking place on the subset of tests that will be provided. 10/03: work is progressing 17/03: work is progressing 31/03: work is progressing 14/04: And XML test case format has been defined and is being tested. 21/04. Schema for TDML defined. Need to define how this and the test cases will be made public 05/05: Work still progressing 12/05: Work still progressing 02/06: Work still progressing on technical and legal considerations ... 25/08: Will chase to allow Daffodil access to test cases. The WG should define how implementation confirm that they 'conform to DFDL v1' 01/09: IBM still progressing the legal aspect. Intends to publish 100 or so tests as soon as it can, ahead of a full compliance suite. 08/09: IBM still progressing 15/09: IBM still progressing, expect tests to be available within a few weeks 22/09: IBM still progressing, expect tests to be available within a few weeks 29/09:Test cases are being prepared. 06/10: Some test cases should be available next week. Steve would like to be able to show the test case information at OGF 30. 13/10: Still progressing 10/11: Legal issues cleared, IBM in process of collecting 100 example test cases, ideally ones that fit the 'extended conformance' of NCSA Daffodil 17/11: Work is progressing on verifying the test cases. It should be possible to distribute to the WG in 2 weeks. 24/11: About half the test cases have been completed and are being reviewed internally. 01/12: Test cases should be available shortly
111	**Daffodil DFDL parser** 11/08: Bob and Alejandro described the new implementation that they have developed. It is a new code base and is not based on the Deffudle prototype. It is written in scala and implements approximately 80% of the features in the public comments draft of DFDL V1. Alejandro will send a list of the features not implemented. We discussed the scenarios that motivated the development which was to extract data from various sources and transform into canonical formats. Bob offered to make Daffodil available for the WG to assess the functionality. IBM WG members will get approval the company to allow them to receive Daffodil. Bob raised the question that if Daffodil becomes the public implementation of DFDL then we will need to work out how that would be funded and managed. It would be helpful if IBM test cases were available to Daffodil. IBM will investigate 25/08: Alejandro had sent a list of the functions that he has implemented and Steve ahd responding indicating the extra functions he thought were essential.

Since then Alejandro has implemented some of the missing functions, such as escape schemes, pre-defined variables, binary decimal numbers, etc, and will update his list.
Bob is planning to make the parser available on the internet to allow testing.
His organisation is being reorganised and he doesn't know what the priority of Daffodill will be so it is essential that we move quickly. It would help if IBM could indicate its support for Daffodil in some semi-formal way.
01/09: Alejandro updating Daffodil to include escape schemes, unordered sequences and ignoreCase.
Daffodil being placed under formal source control in anticipation of external release.
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22/09: not discussed
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10/11: NCSA internal & sponsor (US National Archive in Washington DC - Electronic Records Administration) reviews passed. NCSA have new resource allocated - Joe Futrelle. Bob has started open source paperwork. ETA end December.
17/11: Joe has started coming up to speed with Daffodil. Bob is waiting for signoff from the university to open source the code.
24/11: not discussed
01/12: Joe is becoming familiar with the code. Waiting for university to give permission to make available.

112	**DFDL certification process**
	25/08: Discussed how to certify DFDL implementations. Alan to investigate if OGF have a defined process.
	01/09: In progress, spec needs to state what conformance means, as part of this work
	08/09: Discussed what needs to be said in the spec and agreed that details of a conformance test suite should be in another document.
	Alan to draft conformance section.
	15/09: Alan had look at the conformance sections in XML and Schema specifications both of which indicate sections which must be implemented. None just say 'execute the test suite'. They talk in terms of conformance of document, schema and processors..
	22/09: no progress
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	06/10: Need to decide what/how test cases and certification process should occur
	13/10: no progress
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123	DFDL tutorial
	13/10: Draft of first 3 chapters has been written and will be distributed to WG
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131	Transformation of dfdl properties to a canonical form

Closed actions

No	Action

Work items:

No	Item	target version	stat
042	Mapping of the DFDL infoset to XDM	none	not
070	Write DFDL primer		
07	Write test cases.		

TeamRoom Plus

This OPEN document will not be filed. It is being kept active.

Meeting about Meetings\OGF

Project	**DFDL 1.0**
Meeting Date	**24-Nov-10 (Wed)**
Meeting Time	**15:00 - 16:00**

Created by Alan Powell on 24-Nov-10
Last Modified by Alan Powell on 24-Nov-10

OGF DFDL Working Group Call , 24 November 2010

Agenda

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

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 .

Open Grid Forum : Data Format Description Language Working Group

OGF DFDL Working Group Call , 24 November 2010

Attendees
Stephanie Fetzer (IBM)
Steve Hanson (IBM)
Alan Powell (IBM)
Suman Kalia (IBM)

Apologies
Tim Kimber(IBM)
Bob McGrath (NCSA)
Joe Futrelle (NCSA)

1. Current Actions
Updated below.

2. AOB
Agreed updates to description of dfdl:lengthKind 'endOfParent'

Agreed that no change is necessary to the description of nil and default processing.

Meeting closed, 16:00

Next call Wednesday 1 December 2010 15:00 UK (10:00 ET)

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

View: ResultDocs

Next action: **131**

Actions raised at this meeting

No	Action

Current Actions :

No	Action
066	Investigate format for defining test cases

	25/11:IBM to see if it is possible to publish its test case format. 04/12: no update ... 17/02: IBM is willing in principle to publish the test case format and some of the test cases. May need some time to build a 'compliance suite' 24/03: No progress 03/03: Discussions have been taking place on the subset of tests that will be provided. 10/03: work is progressing 17/03: work is progressing 31/03: work is progressing 14/04: And XML test case format has been defined and is being tested. 21/04. Schema for TDML defined. Need to define how this and the test cases will be made public 05/05: Work still progressing 12/05: Work still progressing 02/06: Work still progressing on technical and legal considerations ... 25/08: Will chase to allow Daffodil access to test cases. The WG should define how implementation confirm that they 'conform to DFDL v1' 01/09: IBM still progressing the legal aspect. Intends to publish 100 or so tests as soon as it can, ahead of a full compliance suite. 08/09: IBM still progressing 15/09: IBM still progressing, expect tests to be available within a few weeks 22/09: IBM still progressing, expect tests to be available within a few weeks 29/09:Test cases are being prepared. 06/10: Some test cases should be available next week. Steve would like to be able to show the test case information at OGF 30. 13/10: Still progressing 10/11: Legal issues cleared, IBM in process of collecting 100 example test cases, ideally ones that fit the 'extended conformance' of NCSA Daffodil 17/11: Work is progressing on verifying the test cases. It should be possible to distribute to the WG in 2 weeks. 24/11: About half the test cases have been completed and are being reviewed internally.
111	**Daffodil DFDL parser** 11/08: Bob and Alejandro described the new implementation that they have developed. It is a new code base and is not based on the Deffudle prototype. It is written in scala and implements approximately 80% of the features in the public comments draft of DFDL V1. Alejandro will send a list of the features not implemented. We discussed the scenarios that motivated the development which was to extract data from various sources and transform into canonical formats. Bob offered to make Daffodil available for the WG to assess the functionality. IBM WG members will get approval the company to allow them to receive Daffodil. Bob raised the question that if Daffodil becomes the public implementation of DFDL then we will need to work out how that would be funded and managed. It would be helpful if IBM test cases were available to Daffodil. IBM will investigate 25/08: Alejandro had sent a list of the functions that he has implemented and Steve ahd responding indicating the extra functions he thought were essential. Since then Alejandro has implemented some of the missing functions, such as escape schemes, pre-defined variables, binary decimal numbers, etc, and will update his list. Bob is planning to make the parser available on the internet to allow testing. His organisation is being reorganised and he doesn't know what the priority of Daffodill will be so it is essential that we move quickly. It would help if IBM could indicate its support for Daffodil in some semi-formal way. 01/09: Alejandro updating Daffodil to include escape schemes, unordered sequences and ignoreCase. Daffodil being placed under formal source control in anticipation of external release.

Bob has a start October deadline to create a report on what has been done for his sponsors. It would be great if we could get Daffodil on the web and have run some IBM tests so it could be highlighted at OGF 30 at end October.

08/09: Alejandro is marking up Spec draft 42 to indicate which features Daffodil implement. Bob expects Daffodil to be available on the web soon.

15/09: Alejandro had indicated in the specification which functions were implemented in Daffodill. Steve had reviewed and identified which function need to be implemented and which could be considered optional (see action 099). Alejandro is implementing the missing core functions. There was some discussion about the limitations on unordered groups. (stop value and expression not supported). It was agreed that it should be a schema definition error if dfdl:occursCountKind is 'stopValue' on any element within an unordered sequence and a floating element.

22/09: not discussed

29/09: not discussed

06/10: Alejandro has left NCSA. Bob is making the case for continuing and having a replacement. Bob to agree with Steve what can be said at OGF30.

13/10: Bob still progressing project funding and making Daffodil publically available .

10/11: NCSA internal & sponsor (US National Archive in Washington DC - Electronic Records Administration) reviews passed. NCSA have new resource allocated - Joe Futrelle. Bob has started open source paperwork. ETA end December.

17/11: Joe has started coming up to speed with Daffodil. Bob is waiting for signoff from the university to open source the code.

24/11: not discussed

112	**DFDL certification process**
	25/08: Discussed how to certify DFDL implementations. Alan to investigate if OGF have a defined process.

01/09: In progress, spec needs to state what conformance means, as part of this work

08/09: Discussed what needs to be said in the spec and agreed that details of a conformance test suite should be in another document.
Alan to draft conformance section.

15/09: Alan had look at the conformance sections in XML and Schema specifications both of which indicate sections which must be implemented. None just say 'execute the test suite'. They talk in terms of conformance of document, schema and processors..

22/09: no progress

22/09: Alan has added short Conformance and Optional Features sections to spec which was briefly discussed. Discussed naming for processors that don't implement optional features and those that implement all features.

06/10: Need to decide what/how test cases and certification process should occur

13/10: no progress

10/11: no progress

17/11: no progress

24/11: no progress

123	DFDL tutorial

13/10: Draft of first 3 chapters has been written and will be distributed to WG

10/11: Posted to grid forge here (http://forge.gridforum.org/sf/go/doc16106?nav=1), work continuing at IBM to define a standard example-based chapter framework and to author additional chapters. Contributors welcome!

17/11: Steve, Stephanie and Alan had a meeting to discuss the best structure for the tutorial and decide which examples to use throughout. The meeting raised more questions. Further discussions will be held.

24:11: The list of topics to be covered in the remaining lessons has been produced and a lesson template. Alan will write lesson 4

124	DFDL web content on OGF standards pages

13/10: no progress

10/11: no progress

17/11: Alan has looked at the OGF web pages and there aren't many standards listed. Some of

	the links point to very short primers rather than the specification 24/11: no progress
129	Press release to publicise DFDL Steve is pulling together a press release at IBM. Want to include as many contributors and interested parties as possible.NCSA are keen to be included. Also likely that US National Archive will want to be included. Mike has indicated OCO are too. 17/11: no progress 24/11: no progress
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Closed actions

No	Action

Work items:

No	Item	target version	stat
042	Mapping of the DFDL infoset to XDM	none	not
070	Write DFDL primer		
071	Write test cases.		

TeamRoom Plus

This OPEN document will not be filed. It is being kept active.

Meeting about Meetings\OGF

Project	**DFDL 1.0**
Meeting Date	**17-Nov-10 (Wed)**
Meeting Time	**15:00 - 16:00**

Created by Alan Powell on 18-Nov-10
Last Modified by Alan Powell on 18-Nov-10

OGF DFDL Working Group Call , 17 November 2010

Agenda

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

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 .

Open Grid Forum : Data Format Description Language Working Group

OGF DFDL Working Group Call , 17 November 2010

Attendees
Stephanie Fetzer (IBM)
Steve Hanson (IBM)
Tim Kimber(IBM)
Bob McGrath (NCSA)
Alan Powell (IBM)
Suman Kalia (IBM)
Gary Sikora (Progeny)
Joe Futrelle (NCSA)

Apologies

1. **Discuss with Gary Sikora the use of DFDL by OMG MARS IEF ITS**
Gary gave us some background on how the standards process at OMG works in practice. He described the status of the IEF work group and the RFI that the DFDL WG had responded to. He suggested it would require direct support from interested parties, such as members of the OGF DFDL WG, to have DFDL adopted which would require a considerable commitment of time and resource. Steve will contact the IBM OMG representative to discuss further actions

2. Current Actions
Updated below.

3. AOB
Stephanie has discovered an incorrect statement in the description on discriminators. Alan agreed that it was incorrect. Stephanie will circulate to the WG

Meeting closed, 16:00

Next call Wednesday 24 November 2010 15:00 UK (10:00 ET)

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

View: ResultDocs

Next action: **131**

Actions raised at this meeting

No	Action
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	17/11: Gary gave us some background on how the standards process at OMG works in practice.

He described the status of the IEF work group and the RFI that the DFDL WG had responded to. He suggested it would require direct support from interested parties, such as members of the OGF DFDL WG, to have DFDL adopted which would require a considerable commitment of time and resource. Steve will contact the IBM OMG representative to discuss further actions

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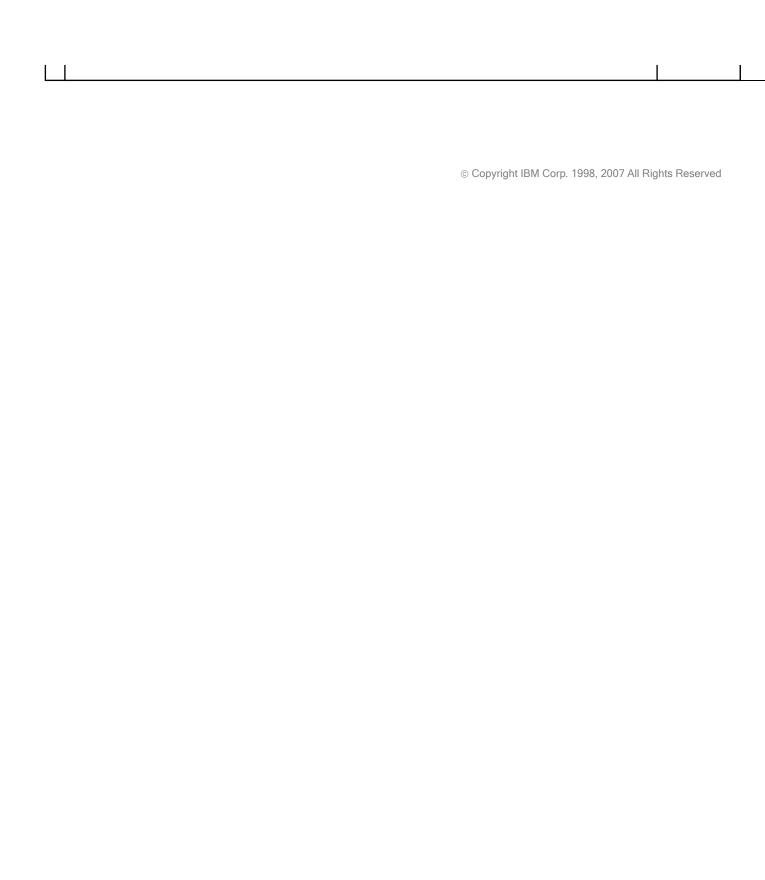|		responding indicating the extra functions he thought were essential.
		Since then Alejandro has implemented some of the missing functions, such as escape schemes, pre-defined variables, binary decimal numbers, etc, and will update his list. Bob is planning to make the parser available on the internet to allow testing. His organisation is being reorganised and he doesn't know what the priority of Daffodill will be so it is essential that we move quickly. It would help if IBM could indicate its support for Daffodil in some semi-formal way. 01/09: Alejandro updating Daffodil to include escape schemes, unordered sequences and ignoreCase. Daffodil being placed under formal source control in anticipation of external release. Bob has a start October deadline to create a report on what has been done for his sponsors. It would be great if we could get Daffodil on the web and have run some IBM tests so it could be highlighted at OGF 30 at end October. 08/09: Alejandro is marking up Spec draft 42 to indicate which features Daffodil implement. Bob expects Daffodil to be available on the web soon. 15/09: Alejandro had indicated in the specification which functions were implemented in Daffodill. Steve had reviewed and identified which function need to be implemented and which could be considered optional (see action 099). Alejandro is implementing the missing core functions. There was some discussion about the limitations on unordered groups. (stop value and expression not supported). It was agreed that it should be a schema definition error if dfdl:occursCountKind is 'stopValue' on any element within an unordered sequence and a floating element. 22/09: not discussed 29/09: not discussed 06/10: Alejandro has left NCSA. Bob is making the case for continuing and having a replacement. Bob to agree with Steve what can be said at OGF30. 13/10: Bob still progressing project funding and making Daffodil publically available. 10/11: NCSA internal & sponsor (US National Archive in Washington DC - Electronic Records Administration) reviews passed. NCSA have new resource allocated - Joe Futrelle. Bob has started open source paperwork. ETA end December. 17/11: Joe has started coming up to speed with Daffodil. Bob is waiting for signoff from the university to open source the code.
112		**DFDL certification process** 25/08: Discussed how to certify DFDL implementations. Alan to investigate if OGF have a defined process. 01/09: In progress, spec needs to state what conformance means, as part of this work 08/09: Discussed what needs to be said in the spec and agreed that details of a conformance test suite should be in another document. Alan to draft conformance section. 15/09: Alan had look at the conformance sections in XML and Schema specifications both of which indicate sections which must be implemented. None just say 'execute the test suite'. They talk in terms of conformance of document, schema and processors.. 22/09: no progress 22/09: Alan has added short Conformance and Optional Features sections to spec which was briefly discussed. Discussed naming for processors that don't implement optional features and those that implement all features. 06/10: Need to decide what/how test cases and certification process should occur 13/10: no progress 10/11: no progress 17/11: no progress
123		DFDL tutorial 13/10: Draft of first 3 chapters has been written and will be distributed to WG 10/11: Posted to grid forge here (http://forge.gridforum.org/sf/go/doc16106?nav=1), work continuing at IBM to define a standard example-based chapter framework and to author additional chapters. Contributors welcome! 17/11: Steve, Stephanie and Alan had a meeting to discuss the best structure for the tutorial

		and decide which examples to use throughout. The meeting raised more questions. Further discussions will be held.
	124	DFDL web content on OGF standards pages 13/10: no progress 10/11: no progress 17/11: Alan has looked at the OGF web pages and there aren't many standards listed. Some of the links point to very short primers rather than the specification
	129	Press release to publicise DFDL Steve is pulling together a press release at IBM. Want to include as many contributors and interested parties as possible.NCSA are keen to be included. Also likely that US National Archive will want to be included. Mike has indicated OCO are too. 17/11: no progress
	130	Use of DFDL by OMG MARS IEF ITS 17/11: Gary gave us some background on how the standards process at OMG works in practice. He described the status of the IEF work group and the RFI that the DFDL WG had responded to. He suggested it would require direct support from interested parties, such as members of the OGF DFDL WG, to have DFDL adopted which would require a considerable commitment of time and resource. Steve will contact the IBM OMG representative to discuss further actions

Closed actions

No	Action

Work items:

No	Item	target version	stat
042	Mapping of the DFDL infoset to XDM	none	not
070	Write DFDL primer		
071	Write test cases.		

TeamRoom Plus

This OPEN document will not be filed. It is being kept active.

Meeting about Meetings\OGF

Project	**DFDL 1.0**
Meeting Date	**10-Nov-10 (Wed)**
Meeting Time	**15:00 - 16:00**

Created by Alan Powell on 11-Nov-10
Last Modified by Alan Powell on 11-Nov-10

OGF DFDL Working Group Call , 10 November 2010

Agenda

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

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 .

Open Grid Forum : Data Format Description Language Working Group

OGF DFDL Working Group Call , 10 November 2010

Attendees
Stephanie Fetzer (IBM)
Steve Hanson (IBM)
Tim Kimber(IBM)
Bob McGrath (National Center for Supercomputing Applications)

Apologies
Alan Powell (IBM)
Suman Kalia (IBM)
Mike Beckerle (Oco)

1. Discuss with Gary Sikora the use of DFDL by OMG MARS IEF ITS
Gary did not attend - postponed until a later date.

2. Current Actions
Updated below.

3. AOB

a) Press release to publicise DFDL
Steve is pulling together a press release at IBM. Want to include as many contributors and interested parties as possible.NCSA are keen to be included. Also likely that US National Archive will want to be included. Mike has indicated OCO are too. Action raised

b) Limitations of DFDL 1.0
Steve was asked if DFDL could handle the zip format. The answer is that DFDL can not model zip in its full generality, as it includes location by offset where the offsets are at the end of the file. This random access style of format is something that DFDL 2.0 should look at addressing, via addition of location by offset and layering.

Meeting closed, 16:45

Next call Wednesday 20 October 2010 15:00 UK (10:00 ET)

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

View: ResultDocs

Next action: **130**

Actions raised at this meeting

No	Action

129	a) Press release to publicise DFDL
	Steve is pulling together a press release at IBM. Want to include as many contributors and interested parties as possible.NCSA are keen to be included. Also likely that US National Archive will want to be included. Mike has indicated OCO are too.

Current Actions :

No	Action
066	Investigate format for defining test cases
	25/11:IBM to see if it is possible to publish its test case format.
	04/12: no update
	...
	17/02: IBM is willing in principle to publish the test case format and some of the test cases. May need some time to build a 'compliance suite'
	24/03: No progress
	03/03: Discussions have been taking place on the subset of tests that will be provided.
	10/03: work is progressing
	17/03: work is progressing
	31/03: work is progressing
	14/04: And XML test case format has been defined and is being tested.
	21/04. Schema for TDML defined. Need to define how this and the test cases will be made public
	05/05: Work still progressing
	12/05: Work still progressing
	02/06: Work still progressing on technical and legal considerations
	...
	25/08: Will chase to allow Daffodil access to test cases. The WG should define how implementation confirm that they 'conform to DFDL v1'
	01/09: IBM still progressing the legal aspect. Intends to publish 100 or so tests as soon as it can, ahead of a full compliance suite.
	08/09: IBM still progressing
	15/09: IBM still progressing, expect tests to be available within a few weeks
	22/09: IBM still progressing, expect tests to be available within a few weeks
	29/09:Test cases are being prepared.
	06/10: Some test cases should be available next week. Steve would like to be able to show the test case information at OGF 30.
	13/10: Still progressing
	10/11: Legal issues cleared, IBM in process of collecting 100 example test cases, ideally ones that fit the 'extended conformance' of NCSA Daffodil
111	**Daffodil DFDL parser**
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Closed actions

No	Action
125	-p111 13.16 nilValue literalCharacter. If not fixed length how many should be output? Steve to check what MRM does. 30/10: Fixed in final spec version. Closed
126	-p85 13.2.1 generateEscape really only applies to escape blocks so could be renamed. 30/10: Renamed in final spec version Closed
127	3. dfdl:roundingIncrement Problems with rounding and ICU 13/10: not discussed 30/10: New properties introduced. Fixed in final spec version. Closed
128	5. AOB - Is support for locales sufficient ? 13/10: not discussed 30/10: Seems OK. Closed
085	ALL: publicise Public comments phase to ensure a good review.. 14/04: see minutes 21/04: Press release, OMG and other standards bodies. 05/05: Alan and Steve H have contacted other standards bodies. Will ask them to add comments on spec 15/05: still no public comments 02/06: No public comments 16/06: Public comments period has ended with no external comments. Alan had posted changes made in draft 041. Steve suggested send a note to the WG highlighting these changes. Steve also suggested requesting an extension as other IBM groups may review. We discussed whether this was necessary as changes will need to be made during the implementation phase anyway. Alan to ask OGF what the process is for changes post public comment. 23/06: Still no comments. Alan will contact OGF to understand the rest of the process. 30/06: Alan has emailed Joel asking what the process is now public comment period is over and can we update the published version with WG updates. No response yet. 07/07: No response. Alan will chase up 14/07: No response from Joel. Sent email to Greg Newby by no response. 21/07: Still no response. 04/08: Joel has responded that it is up to the WG to decide if the changes are significant enough to need additional review. Alan to contact David Martin and Erwin Laure for guidance if we split the specification. 11/08: Received a response from Joel that the WG can decide if a re- public review is necessary before becoming a 'proposed recommendation'. Alan responded that the WG agreed that a re-review was not necessary. The next stage is for OGF review committee to approve publication. 11/08: Specification is now 'awaiting author changes' before being submitted to the OGF technical committee for approval as a 'proposed specification'. Alan would like to have the updated specification complete by Sept 10th. The WG needs to complete all actions by then or decide that they do not need to be included in this phase of the process. 01/09: Alan and Steve have discussed and propose Sept 30th for completion of draft 43 and closure of all actions. 08/09: Target for completion September 30. 15/09: as above 22/09: as above

| | 29/09: Draft 43 will be published this week for WG review prior to submitting to OGF
06/10: Draft 43 was distributed on 30 September and includes all outstanding work items. This will be the last draft before submission to OGF for the final committee review. All comments should be sent to Alan by Tuesday 12th Oct and final version will be submitted on Friday 15th.
13/10: Thorough review by Steve and comments from Suman and Stephanie. Most updates done. Final review draft will be issued 14th Oct and final version to OGF soon after.
10/11: **Closed**. Spec submitted on 22nd Oct as 'Proposed Recommendation', and was highlighted in the OGF Plenary session at OGF 30 in Brussels. Available on grid forge here (http://forge.gridforum.org/sf/go/doc16074?nav=1) |
| | |

Work items:

No	Item	target version	stat
005	Improvements on property descriptions		not
012	Reordering the properties discussion: move representation earlier, improve flow of topics		not
036	Update dfdl schema with change properties	ongoing	
042	Mapping of the DFDL infoset to XDM	none	not
070	Write DFDL primer		
071	Write test cases.		