DFDL v1.0 Change History from GFD-P-R-207 to GFD-P-R.240

Status of This Document

Grid Working Document (GWD)

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Abstract

This document contains the change history of the revisions from GFD-P-R.207 (an earlier draft of DFDL v1.0) to the more recent GFD-PR.240 (r35 - the public review version).

# Document Change History

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| Revision ID | Date | Description |
| R35 | 2020-10-22 | Accept changes, remove change history (much of which uses obsolete section numbers since reorganization) into a separate GWD-I version. Remove warning banners and cleanup for public review. |
| R34 | 2020-10-22 | Review changes with SMH from 9.4.3 onwards. |
| R33 | 2020-10-15 | Review changes with SMH to section 9.4.3 Most changes accepted, some marked with comment bubbles to revisit.  Also accepted all the capitalization changes for Property Error and Validation Error throughout.  Also accepted all updates to section cross references throughout. |
| R32 | 2020-10-13 | Redraw simple type diagram. |
| R31 | 2020-10-08 | Incorporate second half of SMH review. Standardize on initial upper case for Processing Error, Recoverable Error, and Validation Error.  The change tracking is now for the r30 and r31 changes from SMH review only. Prior changes from external review have been accepted.  Updated ToC and all cross references. Searched but did not find any broken references.  Ran Spelling and Grammar check - which did find a number of misspellings, punctuation errors, and spacing problems. |
| R30 | 2020-10-07 | Incorporate first half of SMH review (up to but stopping at what is now Section 9.3). Update document number to 240.  Fixed indentation in Property precedence section. |
| R29 | 2020-09-29 | For workgroup review. Not all comment bubbles are resolved, but the renumbering of sections, and reorganization by moving pieces around is largely complete and needs workgroup review.  The remaining TBD comments are localized issues (mostly). |
| R28-03 | 2020-09-23 | Resolved some of the TBD comment bubbles. |
| R28-02 | 2020-09-22 | Resolved some pending moves of materials to more appropriate locations (where otherwise concepts have to be introduced long before they should be).These are marked with comments so they're visible even without looking at change tracking details. |
| R28-01 | 2020-09-22 | Testing storing binary docx on github with gitattributes file that classifies it as binary. |
| R28 | 2020-09-15 | Accepted changes that were big section relocations. Put in comments to note them for reviewers. |
| R27 | 2020-09-14 | Checkpoint. (MS Word crashing often enough that I am worried about losing work.)  Further improvements to wording about the RFC2119 keywords, and changes from may to must in a few cases where "may not" was being used as "must not".  Updated all cross references to use hyperlink character style. Alas they still are not active hyperlinks in HTML output. |
| R26 | 2020-09-10 | Fix broken cross references. RFC2119 changes for must to MUST, should to SHOULD, shall to SHALL, may to MAY, and vice versa. Some misuses of these terms were corrected.. |
| R25 | 2020-09-10 | Incorporate review comments page 148 to 246 (end of document). Lots of section renumbering and table renumbering - it became impossible to preserve existing numbering with change tracking on. All renumberings are not tracked. |
| R24 | 2020-09-10 | Incorporate review comments from page 130 onward. |
| R23 | 2020-09-09 | Start to incororate Review comments from page 123 to 130.. |
| R22 | 2020-04-29 | Added Overview section. MS-Word Grammar and Spelling check. Infoset is to be capitalized everywhere. |
| R21 | 2020-04-28 | Moved Expression Language to Section 18, Regular Expressions to Section 19, and Property Precedence to Appendix G. Improves flow. |
| R20 | 2020-04-28 | Continued editing. Fix utf-16 and utf-32 issue (both are big-endian always). Numerous other edits. |
| R19 | 2020-04-27 | Moved problematic subsections from Section 2 to Section 8 (static analysis/SDE), Section 9 (processing errors, recoverable errors and validation errors), and to an appendix. |
| R18 | 2020-04-27 | Fixed bad Header 3 numbering that was clobbered somehow. |
| R17 | 2020-04-27 | Moving misplaced sections. Glossary is now an appendix. |
| R16 | 2020-04-27 | Wrap up external reviewer changes through page 123.(Now page 117 since sections have since moved) |
| R15 | 2020-04-13 | Changes from external review. Pages 32 to 123 (To Section 13.6, textNumberRoundingMode property).  All reference hyperlinks verified or replaced with working links.  Some sections still to be moved to better locations, but for now are just identified with comment bubbles. |
| R14 | 2020-04-09 | Changes from external review. Pages 1 to 32 (roughly).  Also added reminder comment bubbles about a few of the reference hyperlinks to outside web sites/docs. A few of these the sites are down or slow and couldn’t be verified. Those without comment bubbles were verified. |
| R13 | 2020-04-08 | All changes from errata 1 to 63 Accepted. |
| R12 | 2020-04-07 | Errata Merged  5.60 Sections 15.1.3, 9.4.3.2 Clarification of Choice Branch Selection when Defaulting  5.61 Section 15.1.3.1 Clarifications on Choices in Hidden Groups  5.62 Section 12.2 Clarifications on documentFinalTerminatorCanBeMissing  5.63 Sections 12.2, 21 New property emptyElementParsePolicy.  Minor and typographical corrections up through comment #59 (2020-04-07) have been applied or captured here in comment bubbles as reminders. |
| R11 | 2019-12-09 | Edited in minor/typo fixes. |
| R10 | 2019-12-01 | Erratum 5.38 Updated UML Diagram in Section 4.1 to have missing members on element class.  Marked some comments as resolved.  Date changed to December 2019 |
| R09 | 2019-11-25 | Errata Merged  5.39 Section 15.1.1 Clarification for choice branches that are zero-occurrences arrays.  5.40 Section 14.1 Empty Sequence and Hidden Group References  5.41 Section 2.6 Dynamic Type error *must* cause SDE.  5.42 Section 21 utf16Width ‘variable’ property value is optional.  5.43 Sections 6.3.1,21,4.1.2, 6.3.1.1, 13.3, 22.1.1, 2.2.1 Bidirectional text properties other than textBidi=”no” removed and reserved for future use.  5.44 Sections, 9.2, 12.3.3, 23.5.3 Data syntax grammar corrections related to ComplexContent.  5.45 Sections 9.2, 13.2.1, 23.5.3. Data syntax grammar corrections related to SimpleContent and SimpleValue.  5.46 New Section 23.6 on Circular Deadlocks.  5.47 Section 11.2.1.1 Detection of Encoding/Decoding Errors.  5.48 Section 23.5.5 fn:error() function.  5.49 Section 5.3 Allowing import of other annotation language schemas.  5.50 Sections 4.1.1, 9.2, 11, 11.1 Remove Byte-order-mark (BOM) processing.  5.51 Section 12.2 Entity %ES; allowed alone in terminator when not delimited.  5.52 Section 15 Clarify choiceDispatchKey evaluating to empty string is SDE.  5.53 Section 13.16 Clarifications on nilValueDelimiterPolicy.  5.54 Section 12.2 Clarifications on emptyValueDelimiterPolicy.  5.55 Section 9.3.2 Clarifications on Establishing Representation.  5.56 Section 9.5, 9.4.2, 9.4.2.2, 9.4.2.3 Clarifications on Element Defaults.  5.57 Section 9.2.2 Clarifications on Empty Representation.  5.58 Section 14.2 Clarifications on Separators and Suppression.  5.59 Section 14.2.1, 14.2.2, 14.2.3 Clarifications on Potentially Trailing Groups and Elements. |
| R07 | 2019-10-11 | Fixed typos with errata-related changes per SMH email of 2019-10-04. |
| R06 | 2019-09-26 | Errata Merged  5.19. Section 16.1.1, 16.1.2 Correct occursCountKind ‘fixed’ and ‘implicit’ to state that the unparser stops looking for occurrences in the Infoset once maxOccurs has been reached.  5.20. Section 23.1, 13.11, 15, 7.9 outputValueCalc maximum forward reference is implementation-defined. No forward reference from calendarLanguage, choiceDispatchKey, setVariable.  5.21. Section 15. choiceBranchKey is case sensitive.  5.22. Section 13.2.1. Parsing block escape scheme processing error if the end of data for the element and escapeBlockEnd is not found.  5.23 Section 13.16 nilKind, nilValue, and nilValueDelimiterPolicy properties apply to nillable complex type elements as well as simple types.  5.24 Sections 13.11.1, 12.3.7.2.6. Fractional seconds “S” corrections. Packed decimal calendar max digits are implementation defined.  5.25 Section 17. Allow inputValueCalc on root of a choice branch.  5.26 Section 2. RFC2119 terminology, except for required and optional.  5.27 Section 11. Bit order change requires byte alignment both parsing and unparsing.  5.28 Section 13.6. textStandardNaNRep and textStandardInfinityRep: Schema Definition Error if empty string.  5.29 Sections 23.4, 23.5.3. Add XPath 2.0 'intersect' and "except" operators. Add dfdl:checkRangeInclusive in dfdl:checkRangeExclusive functions.  5.30 Section 12.3.2.2. Clarify scanning text can require byte-level scans, character level is insufficient.  5.31 Section 9.5. Clarify Evaluation Order for Statement Annotations section on property expression evaluation times, and grammar regions.  5.32 Section 9.3.2.1, 9.2.5 ES and WSP\* corrections for nil rep  5.33 Section 13.9 textBooleanTrueRep cannot be empty string.  5.34 Section 13.2 Fix textPadKind omission of dfdl:textBooleanJustification case.  5.35 Section 5.2 Remove redundant description from pattern facet in list.  5.36 Section 15, 9.3.1.1, 9.3.1.3, 9.3.3,15.1.2 choiceBranchKey is List of DFDL String Literals.  5.37 Section 15 Specify SDE for choiceDispatchKey forward reference.  5.38 Section 4.1.2 Add element information item [array].  That is all the errata up to 2019-09-25. |
| R05 | 2019-09-17 | Errata Merged  5.4 Section 23.5.2.5 fn:exactly-one definition should match XPath  5.5 Section 23 binding fn: prefix to XPath function namespace.  5.6 Section 5.1 elementFormDefault and form attributes  5.7 Section 13.6 textNumberPadCharacter clarifications  5.8 Sections 14.2, 14.2.2, 14.2.3, 16 Clarify the behavior of separator suppression.  5.9 Section 16.1 Clarify the behaviour when maxOccurs or occursCount is zero.  5.10 Sections 3, 9.2.2, 9.4.2.2, 9.4.2.3, 12.2, 13.16 Definition for ‘fixed-length element’ and clarifications related to dfdl:emptyValueDelimiterPolicy (that it is not applicable).  5.11 Section 23.4 Clarify unqualified path steps.  5.12 Section 12.3.7.2.1 Clarify decimal minimum bits.  5.13 Section 13.7.1.1 Clarifications on converting base-2 binary numbers.  5.14 Section 13.7 Clarifications for dfdl:binaryDecimalVirtualPoint  5.15 Section 12.3 Correction to dfdl:lengthUnits ‘bits’ allowed for packed calendars.  5.16. Section 12.3.3, 12.3.4 Correction that binarySeconds and binaryMilliseconds are not allowable representations for types xs:date and xs:time.  5.17. Section 13.11 Correct regular expression for dfdl:calendarTimeZone.  5.18. Section 3.11 Correction for dfdl:lengthKind ‘expression’ – when unparsing the expression is evaluated to obtain the length. |
| R04 | 2019-09-16 | Upgraded from MS-Word “Compatibility Mode” to “normal” so tools we use don’t have to deal with compatibility mode. |
| R03 | 2019-09-13 | Errata Merged  5.1 merged. Section 13.2.1.1 Escape Scheme Examples  5.2 merged. Section 23. Clarification of expression evaluation order.  5.3 merged. Section 13.2.1. New property escapeCharacterPolicy added to dfdl:escapeScheme. Dfdl:escapeKind language adjusted to take new property into consideration. |
| R02 | 2019-09-13 | Changes for Minor typographical fixes accepted. Two Comment bubbles remain where formatting changes could not be applied. |
| R01 | 2019-09-09 | Minor typographical fixes. (Remove this entry once changes accepted.) <https://redmine.ogf.org/issues/233> through update #28. |

# Security Considerations

None.

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