

TeamRoom Plus

IBM TeamRoom

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

Discussion about Specification

Project **DFDL 1.0**

Created by Steve Hanson on 15-Sep-10

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DFDL optional features

Feature	Detection	Pre-reqs	In Daffodil	Comments
Validation	External switch	None, but of limited value without Simple type restrictions	No	
Simple type restrictions	xs:simpleType in xsd	None	No	
Nils	xs:nilable='yes' on element in xsd	None	No	
Defaults	xs:default or xs:fixed on element in xsd	None	No	
Bi-di	dfdl:textBiDi='yes' on element in xsd	None	No	
Bits	dfdl:alignmentUnits='bits' or dfdl:lengthUnits='bits' on object in xsd	None	No	
Delimited binary	dfdl:representation='binary' (or implied binary) and dfdl:lengthKind='delimited' on element in xsd	None	No	
Patterns	dfdl:lengthKind='pattern' on element, or dfdl:assert testPattern, in xsd	None	Yes	
Zoned numbers	dfdl:textNumberRep='zoned' on element in xsd	None	No	z/OS
Packed numbers	dfdl:binaryNumberRep='packed' on element in xsd	None	Yes	z/OS
Packed calendars	dfdl:binaryCalendarRep='packed' on element in xsd	None		z/OS
S/390 floats	dfdl:binaryFloatRep='ibm390Hex' on element in xsd	None	No	z/OS
Unordered	dfdl:sequenceKind='unordered' on	None	Partial	

	sequence in xsd			
Floating	dfdl:floating='yes' on element in xsd	None	No	
dfdl functions in expression language	dfdl: functions in property expression in xsd	None	No	Enables use of off-the-shelf XPath 2.0 package
Hidden	dfdl:groupHiddenRef <> " on sequence in xsd	None	Yes	
Calculated values	dfdl:inputValueCalc <> " or dfdl:outputValueCalc <> " on element in xsd	None	Yes	
Escape schemes	dfdl:defineEscapeScheme in xsd or dfdl:escapeSchemeRef on element in xsd	None	Yes	
Encodings	Any dfdl:encoding property value beyond the core list in the spec	None	Not clear	
Asserts	dfdl:assert in xsd	None	Yes	
Discriminators	dfdl:discriminator in xsd	None	Yes	
Prefixed lengths	dfdl:lengthKind='prefixed' on element in xsd	Simple type restrictions	No	Requires simple types
Variables	Variables in expression language	None	Yes	