

CHANGE LOG for DDI-C version 2.5.1

DDI 2.5.1 XML Schema modifies DDI 2.5 by easing cardinality on many text entries to better support multi-language content. It provides the element `dataFingerprint` within `fileTxt` as a sub-minor, backward compatible bug correction. This element was intended to be included in DDI 2.5. Documentation of new objects has been expanded.

These changes do not affect the namespace. 2013-11-14.

Data Fingerprint:

<code>dataFingerprint</code>	
<code>digitalFingerprintValue</code>	1..1
<code>algorithmSpecification</code>	0..1
<code>algorithmVersion</code>	0..1
<code>@type</code>	"data dataFile"

Description

Allows for assigning a hash value (digital fingerprint) to the data or data file. Set the attribute flag to "data" when the hash value provides a digital fingerprint to the data contained in the file regardless of the storage format (ASCII, SAS, binary, etc.). One approach to compute a data fingerprint is the Universal Numerical Fingerprint (UNF). Set the attribute flag to "dataFile" if the digital fingerprint is only for the data file in its current storage format. Provide the digital fingerprint in `digitalFingerprintValue` and identify the algorithm specification used (add version as a separate entry if it is not part of the specification entry).

```
<dataFingerprint type="data">
  <digitalFingerprintValue>UNF:3:DaYlT6QSX9r0D50ye+tXpA==</digitalFingerprintValue>
  <algorithmSpecification>UNF v5.0 Calculation Producer [http://thedata.org/book/unf-
version-5-0]</algorithmSpecification>
  <algorithmVersion>UNF V5</algorithmVersion>
</dataFingerprint>
```

Cardinality Changes

The cardinality of the following objects was changed to 0..1 to support multiple languages.

<code>anlysUnit</code>	<code>complete</code>	<code>defntn</code>
<code>anlysUnit</code>	<code>conditions</code>	<code>deposReq</code>
<code>biblCit</code>	<code>confDec</code>	<code>description</code>
<code>biblCit</code>	<code>copyright</code>	<code>disclaimer</code>
<code>boundPoly</code>	<code>dataMsg</code>	<code>distDate</code>
<code>citReq</code>	<code>dataSrc</code>	<code>docStatus</code>
<code>collSize</code>	<code>defntn</code>	<code>drvcmd</code>

drvdesc
embargo
embargo
fileName
filePlac
fileQty
fileType
format
guide
imputation
imputation
key
key

origArch
outcome
ProcStat
purpose
respUnit
respUnit
restrctn
sampleSizeFormula
security
security
specPerm
srcChar
srcDocu

srcOrig
stdyClas
titl
TotlResp
txt
universe
universe
universe
useStmt
verResp
version
verStmt