

DICOM Correction Proposal

STATUS	Final Text
Date of Last Update	2016/05/25
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Submission date	2013/09/11

Correction Number	CP-1361
Log Summary: Correct ParticipantObjectDescription in DICOM audit message	
Type of Modification	Name of Standard
Correction	PS 3.15 2016b
<p>Rationale for Correction:</p> <p>Between the Trial Use Draft and Final Text versions of DICOM Supplement 95, the DICOM audit message schema representation in PS 3.15 was changed from an XSD schema to a RELAX NG schema. The content of the schema was changed during that conversion, changing the representation of the ParticipantObjectDetail element and making it inconsistent with the audit message example in PS 3.17.</p> <p>The original XSD schema represents the audit message example in PS 3.17 and results in a ParticipantObjectDetail element as follows:</p> <pre> <ParticipantObjectDescription> <MPPS UID="1.2.840.10008.1.2.3.4.5"/> <Accession Number="12341234" /> <SOPClass UID="1.2.840.10008.5.1.4.1.1.2" NumberOfInstances="1500"/> <SOPClass UID="1.2.840.10008.5.1.4.1.1.11.1" NumberOfInstances="3"/> </ParticipantObjectDescription> </pre> <p>The RELAX NG schema results in an ParticipantObjectDetail element as follows:</p> <pre> <ParticipantObjectDescription>Some description</ParticipantObjectDescription> <MPPS UID="1.2.840.10008.1.2.3.4.5"/> <Accession Number="12341234" /> <SOPClass UID="1.2.840.10008.5.1.4.1.1.2" NumberOfInstances="1500"/> <SOPClass UID="1.2.840.10008.5.1.4.1.1.11.1" NumberOfInstances="3"/> </pre> <p>It may also be possible that the schema change was made on purpose, in which case the correction may be applicable to PS 3.17.</p>	
Sections of documents affected	
PS 3.15 A.5.1	
Correction Wording:	

Modify PS 3.15 to correct the RELAX NG schema:

A.5.1 DICOM Audit Message Schema

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```
ParticipantObjectIdentificationContents =
  element ParticipantObjectIDTypeCode {CodedValueType},
  (element ParticipantObjectName {token} | # either a name or
  element ParticipantObjectQuery {xsd:base64Binary}), # a query ID field,
  element ParticipantObjectDetail {ValuePair}*, # optional details, these
can be extensive and large
  element ParticipantObjectDescription {token
DICOMObjectDescriptionContents }*, # optional descriptive text
DICOMObjectDescriptionContents, # These are extensions made by DICOM to
RFC 3881 schema for use describing DICOM objects
  attribute ParticipantObjectID {token}, #mandatory ID
  attribute ParticipantObjectTypeCode {( # optional type
  "1" | #3 Person
  "2" | #3 System object
  "3" | #3 Organization
  "4")}?, ## Other
```

....