

UN/CEFACT eQuality standard

Update on the progress of work

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UN / CEFACT



UN/CEFACT eQuality standard: XML Schema

Completed

- eQuality XML Schema
- The eQuality XML Schema defines the structure of an electronic quality certificate, i.e the data elements that must be in the electronic document, the hierarchy of these data elements, the data types, etc.
- The XML Schema is a highly technical document and is used by software engineers to compose eQuality messages
- The eQuality Schema will be included in the upcoming CCL 19.B publication and will be available for download on the Internet.
- eQuality pilots planned

eCERT implementation Guide

In progress

- Work on an eCERT implementation Guide.
- This document will provide guidelines for countries on how to establish electronic permit exchanges, for example guidelines on electronic signatures and authentication, recommendations access to the certificate, the type of agreements that are required between the Government agencies, the Web service calls to exchange messages and the orchestration of messages in an exchange.
- Documents included in this Guide: eSPS, eQuality, CoO, eCITES

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- <xsd:sequence>
- <xsd:element type="ram:CropReportDocumentType" name="CropReportDocument" maxOccurs="1" minOccurs="1">
- <xsd:annotation>
- <xsd:documentation xml:lang="en">
  <cts:UniqueID>3d8fe48e-9065-458b-8fa1-246394c8c18c</cts:UniqueID>
  <cts:Acronym>ASMA</cts:Acronym>
  <cts:DictionaryEntryName>ECROP Advice Message. Crop Report_ Document</cts:DictionaryEntryName>
  <cts:Version>1.0</cts:Version>
  <cts:Definition>The crop report document specified for this advice eCROP message.</cts:Definition>
  <cts:Cardinality>1</cts:Cardinality>
  <cts:ObjectClassTerm>ECROP Advice Message</cts:ObjectClassTerm>
  <cts:AssociationType>composition</cts:AssociationType>
  <cts:PropertyTerm/>
  <cts:AssociatedObjectClassTerm>Document</cts:AssociatedObjectClassTerm>
  <cts:AssociatedObjectClassQualifierTerm>Crop Report</cts:AssociatedObjectClassQualifierTerm>
  <cts:BusinessProcessContextValue>Agricultural</cts:BusinessProcessContextValue>
  <cts:GeopoliticalOrRegionContextValue>Global</cts:GeopoliticalOrRegionContextValue>
  <cts:OfficialConstraintContextValue>None</cts:OfficialConstraintContextValue>
  <cts:ProductContextValue>Agricultural produce</cts:ProductContextValue>
  <cts:IndustryContextValue>Agricultural</cts:IndustryContextValue>
  <cts:BusinessProcessRoleContextValue>In All Contexts</cts:BusinessProcessRoleContextValue>
  <cts:SupportingRoleContextValue>In All Contexts</cts:SupportingRoleContextValue>
  <cts:SystemCapabilitiesContextValue>In All Contexts</cts:SystemCapabilitiesContextValue>
</xsd:documentation>
</xsd:annotation>
</xsd:element>
  
```

eQuality: Quo vadis?

You have an XML Schema now. What are you doing with it now?

- What is an eQuality electronic management system?
- What will it improve and for whom?
- How will it share data with other administrations/Customs?
- How to share with ministries in other countries
- How to deal with signatures/authentication
- How can we develop such a system?
- Can we afford it?
- What are the implementation steps? Which systems are we using already?

CITES uses the same schema as eQuality. There may be lessons learned from the eCITES implementation approach

Thank you

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