



Akoma Ntoso Version 1.0. Part 2: Specifications

Committee Specification Draft 01

14 January 2015

Specification URIs

This version:

<http://docs.oasis-open.org/legaldocml/akn-core/v1.0/csd01/part2-specs/akn-core-v1.0-csd01-part2-specs.html> (Authoritative)
<http://docs.oasis-open.org/legaldocml/akn-core/v1.0/csd01/part2-specs/akn-core-v1.0-csd01-part2-specs.pdf>

Previous version:

N/A

Latest version:

<http://docs.oasis-open.org/legaldocml/akn-core/v1.0/akn-core-v1.0-part2-specs.html>
(Authoritative)
<http://docs.oasis-open.org/legaldocml/akn-core/v1.0/akn-core-v1.0-part2-specs.pdf>

Technical Committee:

OASIS LegalDocumentML (LegalDocML) TC

Chairs:

Fabio Vitali (fabio@cs.unibo.it), University of Bologna-CIRSFID
Monica Palmirani (monica.palmirani@unibo.it), University of Bologna-CIRSFID

Editors:

Fabio Vitali (fabio@cs.unibo.it), University of Bologna-CIRSFID
Monica Palmirani (monica.palmirani@unibo.it), University of Bologna-CIRSFID
Roger Sperberg (roger.sperberg@lexisnexis.com), LexisNexis, a Division of Reed Elsevier
Véronique Parisse (V.PARISSE@aubay.lu), Aubay S.A.

Additional artifacts:

This prose specification is one component of a Work Product that also includes:

- *Akoma Ntoso Version 1.0 Part 1: XML Vocabulary*. <http://docs.oasis-open.org/legaldocml/akn-core/v1.0/csd01/part1-vocabulary/akn-core-v1.0-csd01-part1-vocabulary.html>.
- *Akoma Ntoso Version 1.0 Part 2: Specifications* (this document). <http://docs.oasis-open.org/legaldocml/akn-core/v1.0/csd01/part2-specs/akn-core-v1.0-csd01-part2-specs.html>.
- XML schemas. <http://docs.oasis-open.org/legaldocml/akn-core/v1.0/csd01/part2-specs/schemas/>.
- XML examples. <http://docs.oasis-open.org/legaldocml/akn-core/v1.0/csd01/part2-specs/examples/>.

Declared XML namespace:

<http://docs.oasis-open.org/legaldocml/ns/akn/3.0/CSD13>

Abstract:

This document provides the specifications of Akoma Ntoso XSD and DTD standard, including the graphic representation using Oxygen library.

Status:

This document was last revised or approved by the OASIS LegalDocumentML (LegalDocML) TC on the above date. The level of approval is also listed above. Check the "Latest version" location noted above for possible later revisions of this document. Any other numbered Versions and other technical work produced by the Technical Committee (TC) are listed at https://www.oasis-open.org/committees/tc_home.php?wg_abbrev=legaldocml#technical.

Technical Committee members should send comments on this Work Product to the Technical Committee's email list. Others should send comments to the Technical Committee by using the "Send A Comment" button on the Technical Committee's web page at <https://www.oasis-open.org/committees/legaldocml/>.

For information on whether any patents have been disclosed that may be essential to implementing this Work Product, and any offers of patent licensing terms, please refer to the Intellectual Property Rights section of the Technical Committee web page (<https://www.oasis-open.org/committees/legaldocml/ipr.php>).

Citation format:

When referencing this Work Product the following citation format should be used:

[AkomaNtosoCore-v1.0-Specifications]

Akoma Ntoso Version 1.0. Part 2: Specifications. Edited by Fabio Vitali, Monica Palmirani, Roger Sperberg, and Véronique Parisse. 14 January 2015. OASIS Committee Specification Draft 01. <http://docs.oasis-open.org/legaldocml/akn-core/v1.0/csd01/part2-specs/akn-core-v1.0-csd01-part2-specs.html>. Latest version: <http://docs.oasis-open.org/legaldocml/akn-core/v1.0/akn-core-v1.0-part2-specs.html>.

Notices

Copyright © OASIS Open 2015. All Rights Reserved.

All capitalized terms in the following text have the meanings assigned to them in the OASIS Intellectual Property Rights Policy (the "OASIS IPR Policy"). The full [Policy](#) may be found at the OASIS website.

This document and translations of it may be copied and furnished to others, and derivative works that comment on or otherwise explain it or assist in its implementation may be prepared, copied, published, and distributed, in whole or in part, without restriction of any kind, provided that the above copyright notice and this section are included on all such copies and derivative works. However, this document itself may not be modified in any way, including by removing the copyright notice or references to OASIS, except as needed for the purpose of developing any document or deliverable produced by an OASIS Technical Committee (in which case the rules applicable to copyrights, as set forth in the OASIS IPR Policy, must be followed) or as required to translate it into languages other than English.

The limited permissions granted above are perpetual and will not be revoked by OASIS or its successors or assigns.

This document and the information contained herein is provided on an "AS IS" basis and OASIS DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY THAT THE USE OF THE INFORMATION HEREIN WILL NOT INFRINGE ANY OWNERSHIP RIGHTS OR ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

OASIS requests that any OASIS Party or any other party that believes it has patent claims that would necessarily be infringed by implementations of this OASIS Committee Specification or OASIS Standard, to notify OASIS TC Administrator and provide an indication of its willingness to grant patent licenses to such patent claims in a manner consistent with the IPR Mode of the OASIS Technical Committee that produced this specification.

OASIS invites any party to contact the OASIS TC Administrator if it is aware of a claim of ownership of any patent claims that would necessarily be infringed by implementations of this specification by a patent holder that is not willing to provide a license to such patent claims in a manner consistent with the IPR Mode of the OASIS Technical Committee that produced this specification. OASIS may include such claims on its website, but disclaims any obligation to do so.

OASIS takes no position regarding the validity or scope of any intellectual property or other rights that might be claimed to pertain to the implementation or use of the technology described in this document or the extent to which any license under such rights might or might not be available; neither does it represent that it has made any effort to identify any such rights. Information on OASIS' procedures with respect to rights in any document or deliverable produced by an OASIS Technical Committee can be found on the OASIS website. Copies of claims of rights made available for publication and any assurances of licenses to be made available, or the result of an attempt made to obtain a general license or permission for the use of such proprietary rights by implementers or users of this OASIS Committee Specification or OASIS Standard, can be obtained from the OASIS TC Administrator. OASIS makes no representation that any information or list of intellectual property rights will at any time be complete, or that any claims in such list are, in fact, Essential Claims.

The name "OASIS" is a trademark of [OASIS](#), the owner and developer of this specification, and should be used only to refer to the organization and its official outputs. OASIS welcomes reference to, and implementation and use of, specifications, while reserving the right to enforce its marks against misleading uses. Please see <https://www.oasis-open.org/policies-guidelines/trademark> for above guidance.

Table of Contents

1 Introduction

2 Normative

2.1 Elements

- 2.1.1 FRBRExpression
- 2.1.2 FRBRItem
- 2.1.3 FRBRManifestation
- 2.1.4 FRBRWork
- 2.1.5 FRBRalias
- 2.1.6 FRBRauthor
- 2.1.7 FRBRauthoritative
- 2.1.8 FRBRcountry
- 2.1.9 FRBRdate
- 2.1.10 FRBRformat
- 2.1.11 FRBRlanguage
- 2.1.12 FRBRmasterExpression
- 2.1.13 FRBRname
- 2.1.14 FRBRnumber
- 2.1.15 FRBRportion
- 2.1.16 FRBRprescriptive
- 2.1.17 FRBRsubtype
- 2.1.18 FRBRthis
- 2.1.19 FRBRtranslation
- 2.1.20 FRBRuri
- 2.1.21 FRBRversionNumber
- 2.1.22 TLCConcept
- 2.1.23 TLCEvent
- 2.1.24 TLCLocation
- 2.1.25 TLCObject
- 2.1.26 TLCOrganization
- 2.1.27 TLCPerson
- 2.1.28 TLCProcess
- 2.1.29 TLCReference
- 2.1.30 TLCRole
- 2.1.31 TLCTerm
- 2.1.32 a
- 2.1.33 abbr
- 2.1.34 act
- 2.1.35 activeModifications
- 2.1.36 activeRef
- 2.1.37 address
- 2.1.38 adjournment
- 2.1.39 administrationOfOath
- 2.1.40 affectedDocument
- 2.1.41 akomaNtoso

2.1.42 alinea
2.1.43 amendment
2.1.44 amendmentBody
2.1.45 amendmentContent
2.1.46 amendmentHeading
2.1.47 amendmentJustification
2.1.48 amendmentList
2.1.49 amendmentReference
2.1.50 analysis
2.1.51 answer
2.1.52 application
2.1.53 applies
2.1.54 argument
2.1.55 arguments
2.1.56 article
2.1.57 attachment
2.1.58 attachmentOf
2.1.59 attachments
2.1.60 authorialNote
2.1.61 b
2.1.62 background
2.1.63 bill
2.1.64 block
2.1.65 blockContainer
2.1.66 blockList
2.1.67 body
2.1.68 book
2.1.69 br
2.1.70 caption
2.1.71 change
2.1.72 chapter
2.1.73 citation
2.1.74 citations
2.1.75 classification
2.1.76 clause
2.1.77 collectionBody
2.1.78 communication
2.1.79 component
2.1.80 componentData
2.1.81 componentInfo
2.1.82 componentRef
2.1.83 components
2.1.84 concept
2.1.85 conclusions
2.1.86 condition
2.1.87 container

2.1.88 content
2.1.89 contrasts
2.1.90 count
2.1.91 courtType
2.1.92 coverPage
2.1.93 date
2.1.94 debate
2.1.95 debateBody
2.1.96 debateReport
2.1.97 debateSection
2.1.98 decision
2.1.99 declarationOfVote
2.1.100 decoration
2.1.101 def
2.1.102 del
2.1.103 derogates
2.1.104 destination
2.1.105 dissentsFrom
2.1.106 distinguishes
2.1.107 div
2.1.108 division
2.1.109 doc
2.1.110 docAuthority
2.1.111 docCommittee
2.1.112 docDate
2.1.113 docIntroducer
2.1.114 docJurisdiction
2.1.115 docNumber
2.1.116 docProponent
2.1.117 docPurpose
2.1.118 docStage
2.1.119 docStatus
2.1.120 docTitle
2.1.121 docType
2.1.122 docketNumber
2.1.123 documentCollection
2.1.124 documentRef
2.1.125 domain
2.1.126 duration
2.1.127 efficacy
2.1.128 efficacyMod
2.1.129 embeddedStructure
2.1.130 embeddedText
2.1.131 entity
2.1.132 eol
2.1.133 eop

2.1.134 event
2.1.135 eventRef
2.1.136 extends
2.1.137 fillIn
2.1.138 force
2.1.139 forceMod
2.1.140 foreign
2.1.141 formula
2.1.142 from
2.1.143 hasAttachment
2.1.144 hcontainer
2.1.145 header
2.1.146 heading
2.1.147 i
2.1.148 identification
2.1.149 img
2.1.150 indent
2.1.151 inline
2.1.152 ins
2.1.153 interstitial
2.1.154 intro
2.1.155 introduction
2.1.156 isAnalogTo
2.1.157 item
2.1.158 judge
2.1.159 judgment
2.1.160 judgmentBody
2.1.161 judicial
2.1.162 jurisprudence
2.1.163 keyword
2.1.164 lawyer
2.1.165 legalSystemMod
2.1.166 legislature
2.1.167 li
2.1.168 lifecycle
2.1.169 list
2.1.170 listIntroduction
2.1.171 listWrapUp
2.1.172 location
2.1.173 longTitle
2.1.174 mainBody
2.1.175 mapping
2.1.176 mappings
2.1.177 marker
2.1.178 meaningMod
2.1.179 meta

2.1.180 ministerialStatements
2.1.181 mmod
2.1.182 mod
2.1.183 motivation
2.1.184 mref
2.1.185 narrative
2.1.186 nationalInterest
2.1.187 neutralCitation
2.1.188 new
2.1.189 note
2.1.190 noteRef
2.1.191 notes
2.1.192 noticesOfMotion
2.1.193 num
2.1.194 object
2.1.195 officialGazette
2.1.196 ol
2.1.197 old
2.1.198 omissis
2.1.199 opinion
2.1.200 oralStatements
2.1.201 organization
2.1.202 original
2.1.203 other
2.1.204 otherAnalysis
2.1.205 outcome
2.1.206 overrules
2.1.207 p
2.1.208 papers
2.1.209 paragraph
2.1.210 parliamentary
2.1.211 part
2.1.212 party
2.1.213 passiveModifications
2.1.214 passiveRef
2.1.215 person
2.1.216 personalStatements
2.1.217 petitions
2.1.218 placeholder
2.1.219 point
2.1.220 pointOfOrder
2.1.221 portion
2.1.222 portionBody
2.1.223 prayers
2.1.224 preamble
2.1.225 preface

2.1.226 presentation
2.1.227 preservation
2.1.228 previous
2.1.229 proceduralMotions
2.1.230 process
2.1.231 proprietary
2.1.232 proviso
2.1.233 publication
2.1.234 putsInQuestion
2.1.235 quantity
2.1.236 question
2.1.237 questions
2.1.238 quorum
2.1.239 quorumVerification
2.1.240 quotedStructure
2.1.241 quotedText
2.1.242 recital
2.1.243 recitals
2.1.244 recordedTime
2.1.245 recount
2.1.246 ref
2.1.247 references
2.1.248 relatedDocument
2.1.249 remark
2.1.250 remedies
2.1.251 resolutions
2.1.252 restriction
2.1.253 restrictions
2.1.254 restricts
2.1.255 result
2.1.256 rmod
2.1.257 role
2.1.258 rollCall
2.1.259 rref
2.1.260 rule
2.1.261 scene
2.1.262 scopeMod
2.1.263 section
2.1.264 session
2.1.265 shortTitle
2.1.266 signature
2.1.267 source
2.1.268 span
2.1.269 speech
2.1.270 speechGroup
2.1.271 statement

- 2.1.272 step
 - 2.1.273 sub
 - 2.1.274 subFlow
 - 2.1.275 subchapter
 - 2.1.276 subclause
 - 2.1.277 subdivision
 - 2.1.278 subheading
 - 2.1.279 sublist
 - 2.1.280 subparagraph
 - 2.1.281 subpart
 - 2.1.282 subrule
 - 2.1.283 subsection
 - 2.1.284 subtitle
 - 2.1.285 summary
 - 2.1.286 sup
 - 2.1.287 supports
 - 2.1.288 table
 - 2.1.289 tblock
 - 2.1.290 td
 - 2.1.291 temporalData
 - 2.1.292 temporalGroup
 - 2.1.293 term
 - 2.1.294 textualMod
 - 2.1.295 th
 - 2.1.296 time
 - 2.1.297 timeInterval
 - 2.1.298 title
 - 2.1.299 toc
 - 2.1.300 tocltem
 - 2.1.301 tome
 - 2.1.302 tr
 - 2.1.303 transitional
 - 2.1.304 u
 - 2.1.305 ul
 - 2.1.306 vote
 - 2.1.307 voting
 - 2.1.308 workflow
 - 2.1.309 wrapUp
 - 2.1.310 writtenStatements
- 2.2 Complex Types
- 2.2.1 Amendments
 - 2.2.2 akomaNtosoType
 - 2.2.3 althierarchy
 - 2.2.4 amendmentBodyType
 - 2.2.5 amendmentStructure
 - 2.2.6 anyOtherType

2.2.7 argumentType
2.2.8 basehierarchy
2.2.9 basicopt
2.2.10 blockContainerType
2.2.11 blocksopt
2.2.12 blocksreq
2.2.13 bodyType
2.2.14 booleanValueType
2.2.15 citationHierarchy
2.2.16 collectionBodyType
2.2.17 collectionStructure
2.2.18 containerType
2.2.19 coreProperties
2.2.20 countType
2.2.21 debateBodyType
2.2.22 debateStructure
2.2.23 docContainerType
2.2.24 eoType
2.2.25 hierarchicalStructure
2.2.26 hierarchy
2.2.27 inline
2.2.28 inlinereq
2.2.29 inlinereqreq
2.2.30 itemType
2.2.31 judgmentBodyType
2.2.32 judgmentStructure
2.2.33 judicialArgumentType
2.2.34 judicialArguments
2.2.35 linkType
2.2.36 listItems
2.2.37 maincontent
2.2.38 markeropt
2.2.39 markerreq
2.2.40 metaopt
2.2.41 metareq
2.2.42 modType
2.2.43 modificationType
2.2.44 openStructure
2.2.45 parliamentaryAnalysis
2.2.46 parliamentaryAnalysisType
2.2.47 periodType
2.2.48 portionBodyType
2.2.49 portionStructure
2.2.50 preambleopt
2.2.51 prefaceopt
2.2.52 recitalHierarchy

- 2.2.53 refltems
- 2.2.54 referenceType
- 2.2.55 speechType
- 2.2.56 srcType
- 2.2.57 subFlowStructure
- 2.2.58 valueType

2.3 Simple Types

- 2.3.1 EfficacyMods
- 2.3.2 ForceMods
- 2.3.3 LegalSystemMods
- 2.3.4 MeaningMods
- 2.3.5 ScopeMods
- 2.3.6 TextualMods
- 2.3.7 eventType
- 2.3.8 language
- 2.3.9 noWhiteSpace
- 2.3.10 opinionType
- 2.3.11 placementType
- 2.3.12 posType
- 2.3.13 remarkType
- 2.3.14 restrictionType
- 2.3.15 resultType
- 2.3.16 statusType
- 2.3.17 timeType
- 2.3.18 versionType

2.4 Element Groups

- 2.4.1 ANblock
- 2.4.2 ANcontainers
- 2.4.3 ANheaderInline
- 2.4.4 ANhier
- 2.4.5 ANinline
- 2.4.6 ANmarker
- 2.4.7 ANsemanticInline
- 2.4.8 ANsubFlow
- 2.4.9 ANtitleInline
- 2.4.10 HTMLblock
- 2.4.11 HTMLcontainers
- 2.4.12 HTMLinline
- 2.4.13 HTMLmarker
- 2.4.14 TLCs
- 2.4.15 amendmentBlock
- 2.4.16 amendmentInline
- 2.4.17 basicContainers
- 2.4.18 blockElements
- 2.4.19 containerElements
- 2.4.20 docRefs

- 2.4.21 documentType
- 2.4.22 exprProperties
- 2.4.23 hierElements
- 2.4.24 inlineCM
- 2.4.25 inlineElements
- 2.4.26 judgmentBlock
- 2.4.27 manifProperties
- 2.4.28 markerElements
- 2.4.29 preambleContainers
- 2.4.30 prefaceContainers
- 2.4.31 speechSection
- 2.4.32 subFlowElements
- 2.4.33 workProperties

2.5 Attribute Groups

- 2.5.1 HTMLAttrs
- 2.5.2 actor
- 2.5.3 alt
- 2.5.4 booleanvalue
- 2.5.5 cellattrs
- 2.5.6 core
- 2.5.7 coreopt
- 2.5.8 corereq
- 2.5.9 corereqreq
- 2.5.10 date
- 2.5.11 enactment
- 2.5.12 idopt
- 2.5.13 idreq
- 2.5.14 link
- 2.5.15 linkopt
- 2.5.16 modifiers
- 2.5.17 name
- 2.5.18 notes
- 2.5.19 number
- 2.5.20 optvalue
- 2.5.21 outcome
- 2.5.22 period
- 2.5.23 pos
- 2.5.24 quote
- 2.5.25 refers
- 2.5.26 refersreq
- 2.5.27 role
- 2.5.28 show
- 2.5.29 showopt
- 2.5.30 source
- 2.5.31 speechAtts
- 2.5.32 src

[2.5.33 time](#)

[2.5.34 value](#)

[2.5.35 voteAtts](#)

[2.5.36 xmllang](#)

[3 Conformance](#)

[Appendix A Acknowledgments](#)

[Appendix B Akoma Ntoso XML specifications](#)

[Appendix C Akoma Ntoso XML examples](#)

[Appendix D Revision History](#)

Copyright © OASIS Open 2015. All Rights Reserved