

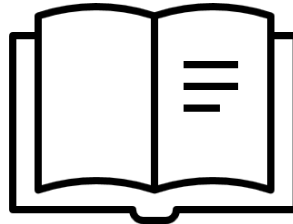
Audit Data Collection Standard Exchange Formats

Modeling Approach

**Frans van Basten
Jan Vrijenhoek**

2017

ADCS Specifications



Frans van Basten has joined the NEN Standards Committee,

We started to delve into the ADCS.

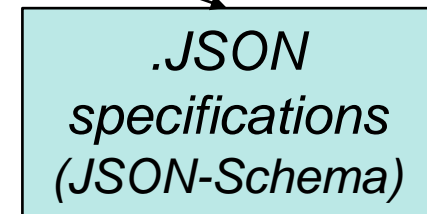
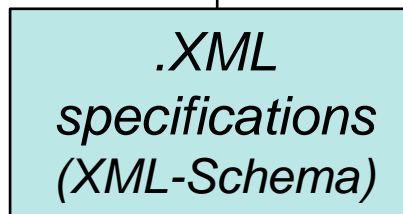
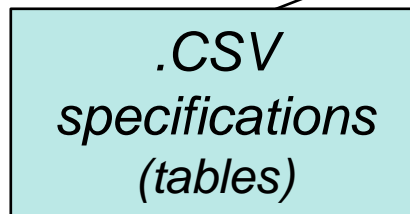
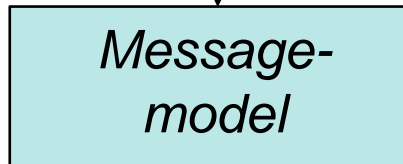
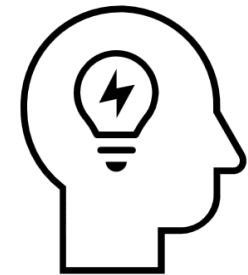
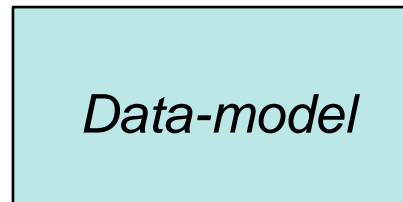
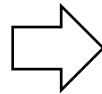
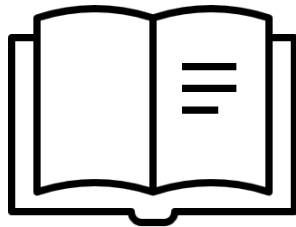
Structural commentary prepared and worked out for 4 tables.

Advice: Don't listen, but join in.

2018 ADCS Modeled and Specifications delivered

ADCS Specifications

Modeling knowledge



2019

2 documents delivered:

AuditDataCollectionStandard_Modeled.pdf

Explanation of the modeling approach.

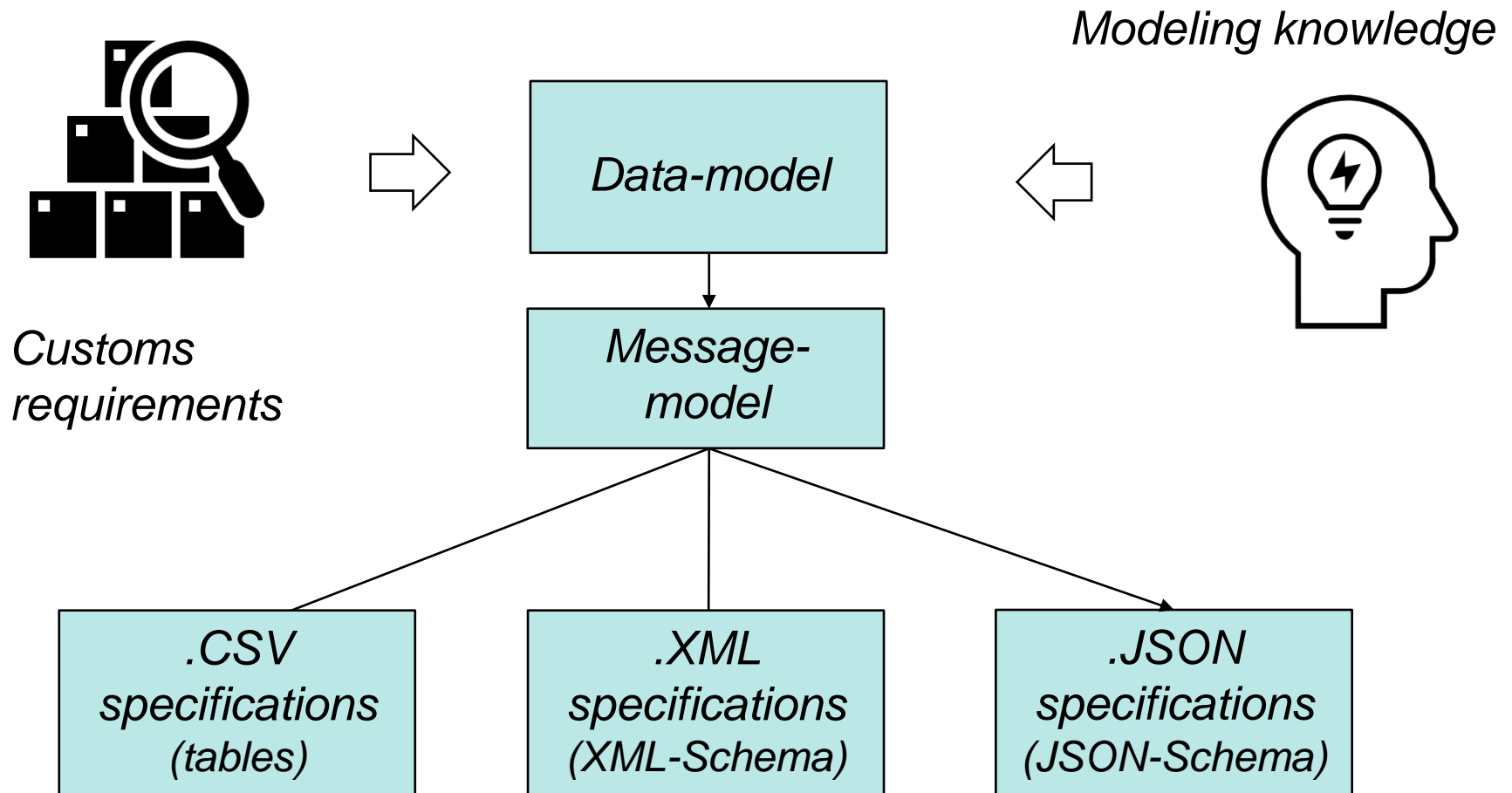
IsoAdcs_Remarks_TclInput.pdf

A list of about 100 comments on the ADCS, from typo's to inconsistent field lengths etc.

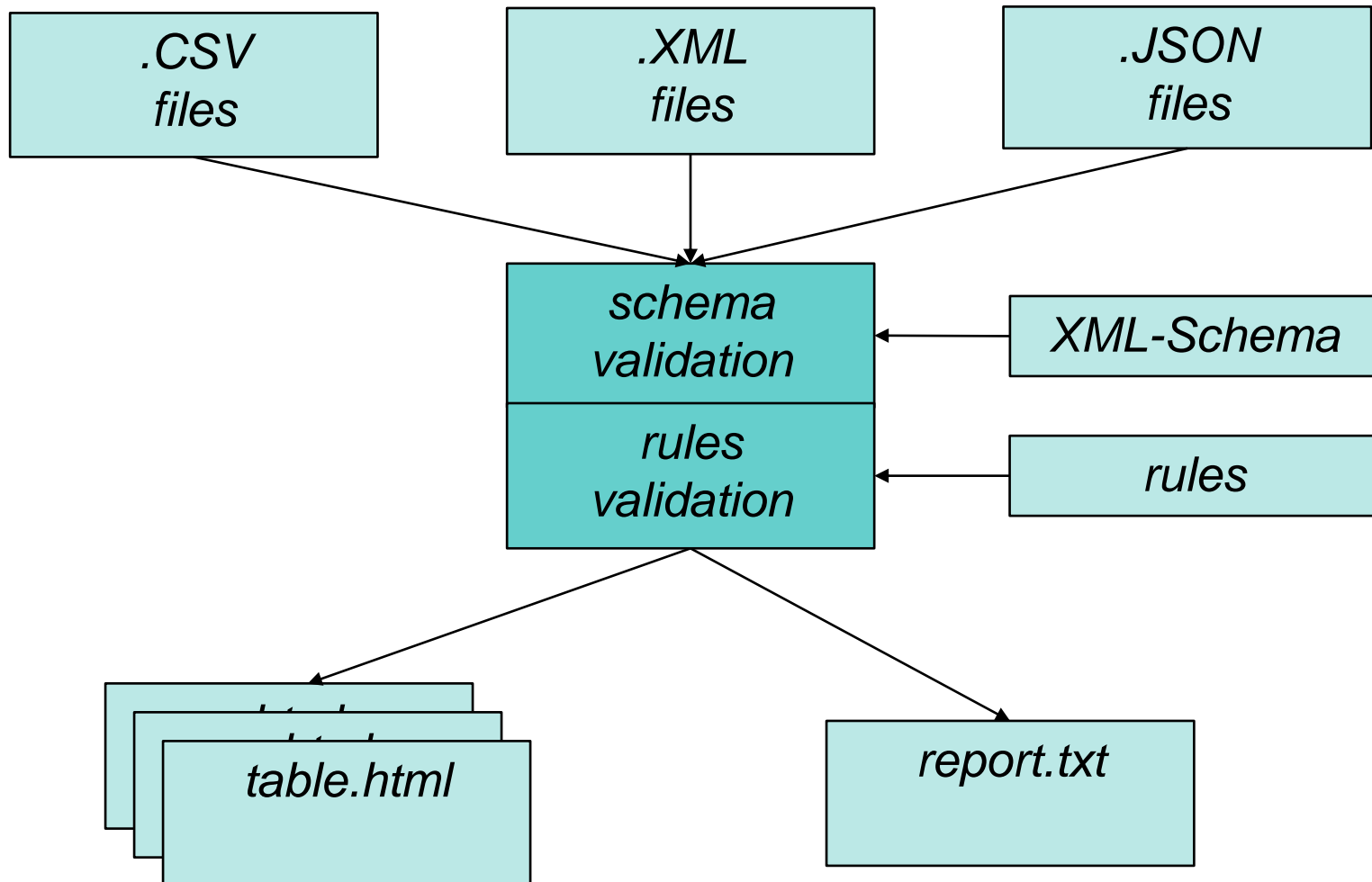
Some 30 comments were processed in the ADCS.

Furthermore, in 2019 the model and specifications were updated in accordance with the "clean version" of ADCS.

2019 Customs Extension modeled and delivered



2020 ADCS Validation tool EC-Check built



2020

Contributed to the drafting of ISO TC295 project proposals:

Project XML / JSON Exchange Formats

Project Customs and Indirect Tax

2021 Project XML / JSON

Participants so far:

Ms. Teresa Tang (SAP)

Ms. Kira Shi (SAP)

Mr. Vincent Yu (SAP)

Mr. Jiwen Jin (Oracle)

Mr. Tianyang Lyu (TC 295, representative)

Mr. Robert Stamsnijder (NEN)

Mr. Frans van Basten (NEN)

Mr. Jan Vrijenhoek (NEN, author)

2021 Project XML / JSON

Proposal for XML / JSON Exchange Formats written:

Exchange formats for Audit Data Collection Standard XML and JSON.pdf

Recommendations and issues list drawn up:

RecommendationsOnXMLandJSONProposal.pdf

2021 Project XML / JSON

11/1 : Initial session set up with Vincent Yu and Robert Stamsnijder, project leaders of this project.

14/1 : Project Meeting: Submitted our proposal and went through the issues list. Suggestions from Jiwen Jin (Oracle) and Vincent Yu (SAP) discussed and if possible incorporated into the proposal.

28/1 : Project Meeting: Revised proposal and recommendation list updated.

4/2 : Project Meeting: Comments, made by the team of Dr. Lu, discussed.

18/2 : Project Meeting: In the absence of Jiwen, general topics have been discussed with Ms. WANG Wen Yu and Ms. WANG Sherung and preparations have been made for the WG1 meeting end of March.

22/2 : Special Project Meeting: Recommendations from Jiwen discussed.

2021 Project XML / JSON

Features:

- Per ADC Table 1 XML Schema, i.e. 71 XML Schemas
- Shortened XML tags
- Modeled, with repeating groups such as TAX
- JSON Schema's are set up in the same way
- In CSV, use the XML tags in the headers column

2021 Proposal for Maintenance Process (1)

1. XML-Schema's, JSON-Schema's and any other specifications and definitions are derived from one, central maintained, data model. Changes on schema's by hand will be overwritten when a new version is released. It is therefore not allowed to make changes to the schema's and specifications.
2. When there's a need to change data element names, descriptions, data types etc. or there is a need to add new tables and new data elements, these changes will only made to the, central maintained, data model.
3. After finalizing these changes, new schema's and specifications will be derived from the model and will be published on one central place on the internet.

2021 Proposal for Maintenance Process (2)

4. Users of the schema's will be able to download the new versions of the schema's and specifications, or also the entire set if desired, to implement in their systems.
5. Registered users will be automatically informed about changes and new versions of the schema's and specifications.
6. When a business domain working group has its extension ready, new schema's and specifications will be put ready to download.
7. Proposals to change the schema's and specifications must be submitted at all times to the ISO TC 295 organization.

2021 Project XML / JSON next step

TC 295 WG1 meeting on ADCS Exchange Formats

Thank you for your attention