



United Nations Economic Commission for Europe
United Nations Centre for Trade Facilitation and Electronic Business

UN/CEFACT

User Guide on CCTS 3.0 and NDR 3.0

Lunch & Learn

Thursday 2 September 2010

presented by

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30 August – 3 September 2010

UN/CEFACT Forum

International Conference Centre, Geneva



- Personal Background
 - eTendering Project Leader
 - Contract Financial Execution Management (CFEM) Project Editor
 - Contributor to NDR 3 and XML for CCTS ATG Projects



- Background to the User Guide
 - CCTS 3.0 published at the end of last year
 - NDR 3.0 published at the beginning of this year
 - TBG6 decision last year to work to CCTS 3/NDR 3, when published, for
 - eTendering version 2
 - CFEM version 1



- Background to the User Guide
 - Decision based on
 - Shorter Dictionary Entry Names
 - Localisation (multi-language support)
 - Improvements to NDR (some based on our own experience of NDR 2 outside of UN/CEFACT)
 - Concepts improving consistency of Core Component Library
 - BBIE Properties
 - ASBIE Properties



- Background to the User Guide
 - Decision based on (cont.)
 - Smaller core component library publications
 - Focused on contexts and message sets
 - TBG6 started work on implementing specifications in late January
 - Identified some key questions
 - Questions raised in Comments Logs for CCTS 3 and NDR 3



- Background to the User Guide
 - In meantime TBG6 needed to make progress so we took decisions on how we should implement
 - The User Guide came out of a desire to provide practical guidance, specifically on the parts of the technical specifications where there were questions, so that anyone wanting to implement can do so without having the same questions
 - BUT it is NOT a complete User Guide



- So what parts of these specifications does the User Guide provide help on?
 - CCTS 3.0
 - Concept of “Packaging”
 - BBIE Properties / BCC Properties
 - Business Data Types and Business Value Domains
 - ASBIE Properties/ASCC Properties
 - NDR 3.0
 - Concept of “Packaging”



- **User Guide Structure**
 - Part 1 – Implementing CCTS 3.0
 - Part 2 – Implementing NDR 3.0
 - Part 3 – Deliverables



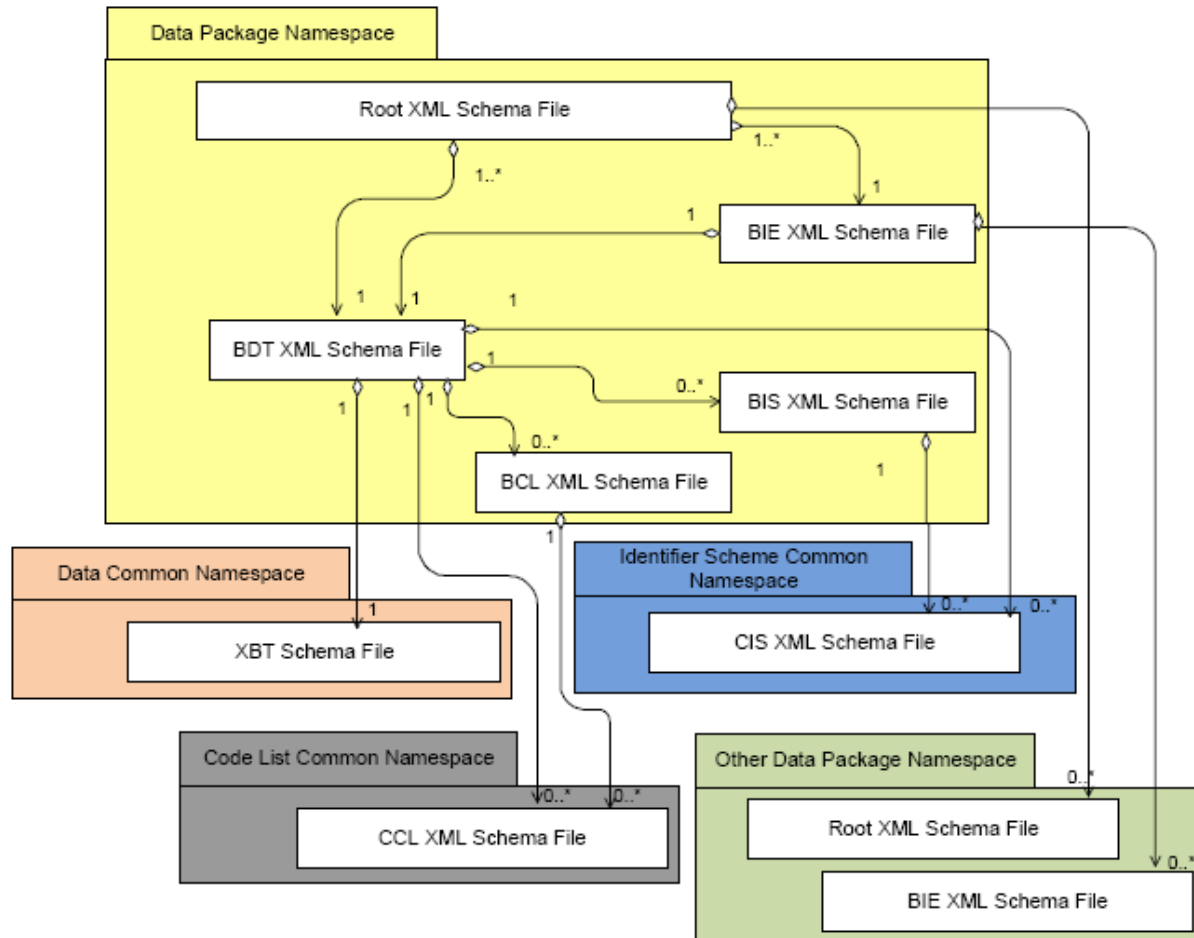
- Part 1 – Implementing CCTS 3.0
 - Packaging
 - Provides the opportunity for UN/CEFACT to logically publish updates to the Core Component Library incrementally (instead of twice a year as a completely new version).
 - Packages should remain stable for a much longer period of time to the benefit of implementers of the XML Schema (better version control by the Package owners).
 - The User Guide provides help on how to create Packages for CCTS 3.0 core components.



- Part 1 – Implementing CCTS 3.0
 - BBIE Properties and Business Value Domains
 - The introduction of BBIE Properties (and similarly ASBIE, BCC and ASCC Properties) will make it easier for modellers to find and reuse Property Terms/Representation Terms and Property/Associated ABIE combinations that have already been accepted into the CCL.
 - The User Guide provides help on how to create BVDs, BDTs, and when to select a BVD for a BBIE.



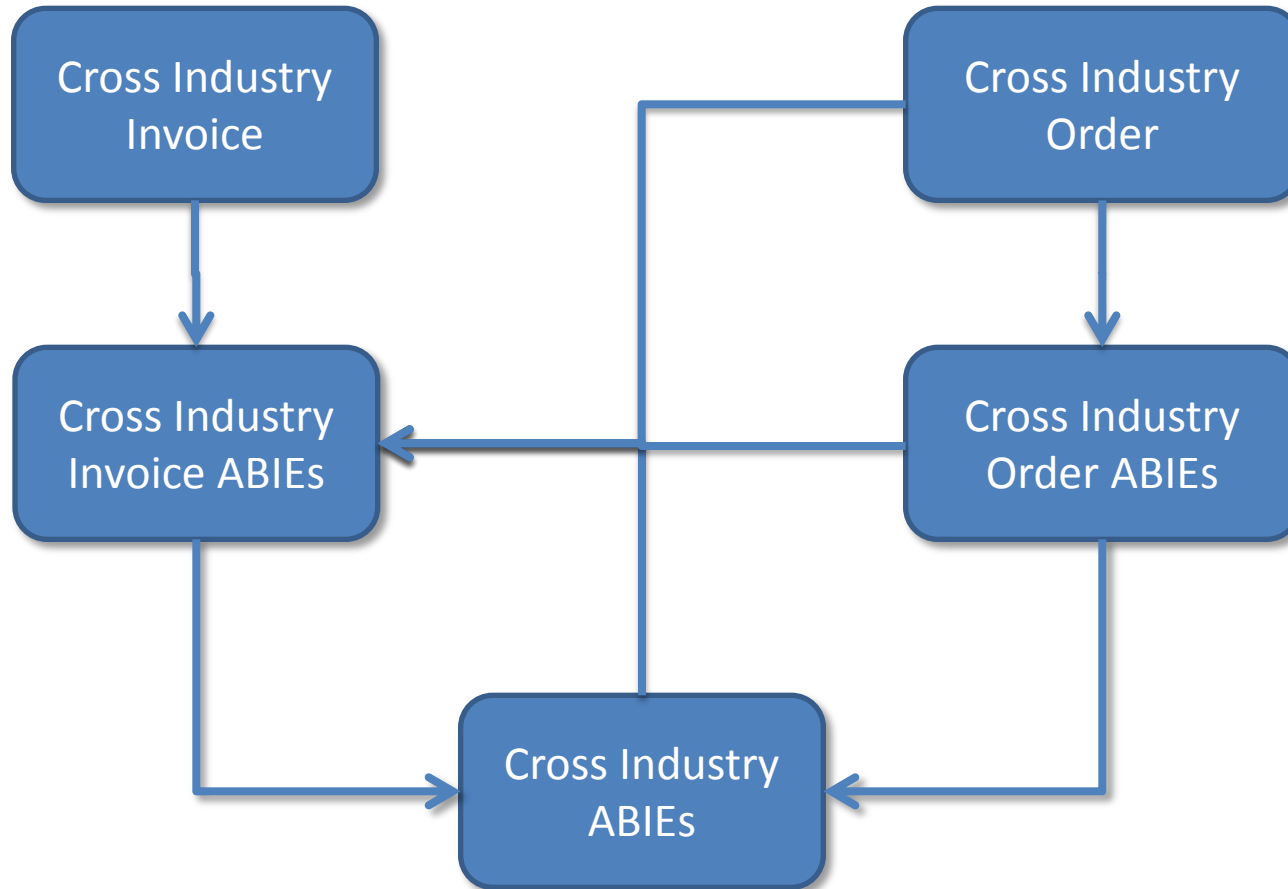
- Part 2 – Implementing NDR 3.0
 - Packaging
 - Preferred NDR 3.0 approach is for a single “Package” publication of XML Schema
 - A set of Message (Root) XML Schema
 - A single Business Information Entity XML Schema containing ONLY the ABIEs used by the Message in that Package
 - A single Business Data Type XML Schema containing ONLY the BDTs required by the BBIEs in the BIE XML Schema
 - and any required Code List and Identifier XML Schema

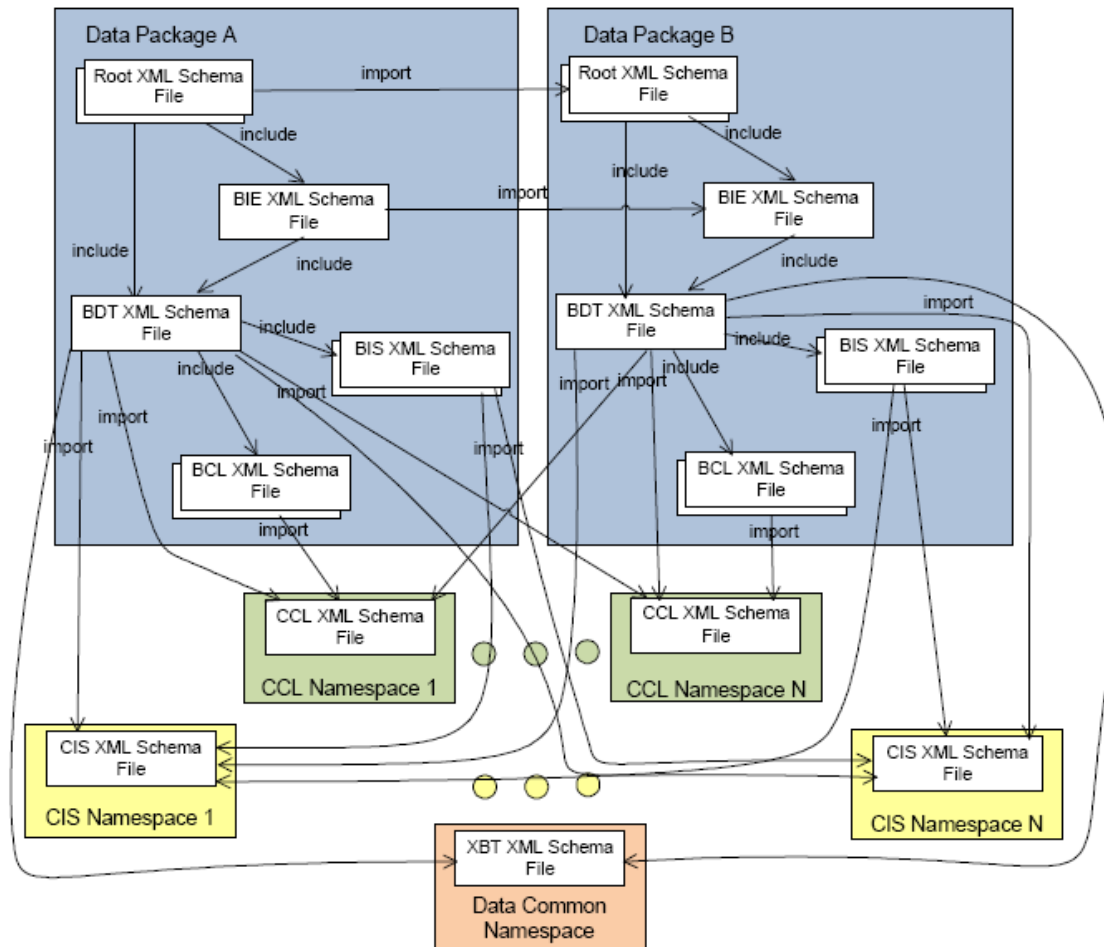


UN/CEFACT XML Schema Modularity Scheme – Single Package



- Part 2 – Implementing NDR 3.0
 - Packaging
 - Alternative NDR 3.0 approach is for a multiple “Package” publication of XML Schema for a Message set
 - A set of Message (Root) XML Schema as before
 - A single BIE XML Schema as before AND other Package BIE XML Schema that are required by ABIEs (through ASBIEs) in the Message (primary) Package
 - A BDT XML Schema for each BIE XML Schema
 - and any required Code List and Identifier XML Schema as before







- Part 3 – Deliverables
 - XML Schema Message Set Packages
 - UML Models (UPCC 3.0 – work in progress)
 - XML for CCTS file (work in progress)
 - CCL Spreadsheet (presentation only)



- Availability of User Guide
 - Still work in progress
 - Latest draft will be available soon on TBG6 Confluence Site
 - Notification of publication will come via the usual e-mail list servers
- Please comment on the User Guide
- Finally... any questions?