

Code Management Project

Code Management Project

Domain	
Project Identifier	p1048
Bureau Decision #	
Project Proposal	Code Management Project
Supporting VC	
Project Lead	Rolf Wessel
HoD Support	ES IN JP MA SE
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Draft Development	05 Jun 2017 - (Tech Spec)
Exit Date	08 Sep 2017 - (Tech Spec)

Project Identifier (PID)	Project Proposal	Project Status
p1048	Code Management Project	In development

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Project Deliverables

Deliverable	ODP1	ODP2	ODP3	ODP4	ODP5	ODP6	ODP7	Notes
Code Manageme nt Project (Tech Spec)								

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Project Leadership

Role	Member
Project Lead	Rolf Wessel
Lead Editor	Gerhard Heemskerk
Editor	Andreas Pelekies Akio Suzuki Mary Kay Blantz Sue Probert Niki Dieckmann Frans van Diepen G. Ken Holman Lance Thompson Jörg Walther Dario delle Noci Gait Boxman
Editor	

Projects Activities

Team Calendars

Heads of Delegation

ES	IN	JP	MA	SE
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Executive Summary

Project purpose

Codes are an essential component of any Machine-To-Machine information flow. Codes have been developed over time to facilitate the flow of compressed, standardized values that can be easily validated for correctness to ensure consistent semantics. Many international, national and sectoral agencies create and maintain code lists relevant to their area. If required to be used within an information flow, these code lists will be stored in their own environment and referred to as external code lists.

The project's purpose is define the procedures and methodologies for code list creation, management and maintenance. The resulting rules and guidelines will primarily be mandated for all UN/CEFACT deliverables but also applicable to external organisations.

Project scope

The project will define the procedures, rules and methodologies for the following identified issues. Existing rules, such as those defined in the Core Components Technical Specification, CCTS, should be taken into account and if applicable be respected.

The project should take into account any UN/CEFACT deliverable that apply codes.

The primary target audience is UN/CEFACT Experts developing deliverables using coded representations but guidance to end users should be added when appropriate.

1. Version compatibility

The ability to use the latest possible version of a code list in association with any version of a message, i.e. decoupling the versioning of code lists from the business message versions

2. Extending code lists

Evaluate if permanent extensions are possible and desirable

3. Restricting code lists

Provide rules and methodology for restricting code lists for use within specific context. Users of the UN/CEFACT libraries may identify any subset they wish from a specific code list for their own community requirements.

4. Code list validation rules

Provide rules and methodology for how to validate instance documents against an XML Schema or UN/EDIFACT message type in respect to code lists

5. Temporary codes

Provide rules and methodology for the inclusion of temporary codes that will be replaced by a permanent code at the next UN/CEFACT standardised release.

6. Externally maintained code lists

Define rules and procedures for referencing code lists maintained by organisations external to UN/CEFACT, e.g. ISO, ICC, W3C.