

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
Status	COMPLETED
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

[back to](#)

Interested in this project

If interested in this project, click the **W** on the keyboard or the **(W)atch** button in the top menu bar.

[Lance Thompson](#) ,[Abdelwahab Zramdini](#) ,[Abdul Fattah Mohamed Yatim](#) ,[Afra Guo](#) ,[ahmed abdulla](#) ,[Akio Suzuki](#) ,[Alejandro Rinaldi](#) ,[Aleksei Bondarenko](#) ,[Alessandro Vaglini](#) ,[Alex IVANCO](#) ,[Amin u Lawal Bakin-Kasuwa](#) ,[Andrea Tang](#) ,[Andreas Petrilli](#) ,[Andrew Grainger](#) ,[Andrey Yemets](#) ,[Anjum KHAN](#) ,[AnneMarie StLaurent Thibault](#) ,[Anurag BANA](#) ,[Armen Manukyan](#) ,[Bill Luddy](#) ,[Bonface Asiligwa](#) ,[Brook Kidane](#) ,[Bryan Scott](#) ,[Bryce Carson](#) ,[Chellam Perinpanayagam](#) ,[Cheryl Wong](#) ,[Christer Andersson](#) ,[Christophe JOUBERT](#) ,[Constantin CIUTA](#) ,[Daniele TUMIETTO](#) ,[Dapeng Liu](#) ,[David Roff](#) ,[David Turney](#) ,[Dean Rakic](#) ,[Dr. Tali Režun](#) ,[Edmund Gray](#) ,[Eduardo Nogueira Barbosa Leite](#) ,[Emanuele BERTOLI](#) ,[Eric DaVersa](#) ,[Erwan Gamber](#) ,[Evgeniy Yakushkin](#) ,[Farid Jahedi](#) ,[Fatou Ndiaye](#) ,[Frank Janssens](#) ,[Galina Monich](#) ,[Gerhard Heemskerk](#) ,[Gianguglielmo Calvi](#) ,[Gilles Schlessner](#) ,[Giorlando Bruno Guerrini](#) ,[Glauro Bertoldo](#) ,[Hakki Gurkan](#) ,[Hemali Shah](#) ,[Heng Yeong Chiam](#) ,[Huibert Alblas](#) ,[Ian Thomas](#) ,[Jaco Voorspuij](#) ,[Jeff Ruddle](#) ,[Jeremy Odhiambo OKONJO](#) ,[Joaquín Eugenio González Galván](#) ,[Jose Saiz de Omeñaca Monzon](#) ,[Josip Maricevic](#) ,[Jost Mueller](#) ,[Juan de Dios Sanz Bobi](#) ,[Jun YANG](#) ,[Karina Duvinger](#) ,[Katherine Meck](#) ,[Kaushik SRINIVASAN](#) ,[Kenneth Bengtsson](#) ,[Kevin Latner](#) ,[Kimberley Botwright](#) ,[Kjartan Sorensen](#) ,[Laurence SANDRAL](#) ,[Lissa Rose D'Arcy](#) ,[Luc Terral](#) ,[Luca Boniolo](#) ,[Luciano Pugliatti](#) ,[Manuel Alba Fernández](#) ,[Marek Termanowski](#) ,[Maris Berzins](#) ,[Matjaz AUFLIC](#) ,[Maurizio Morabito](#) ,[Meera KUMAR](#) ,[Michel Bormans](#) ,[Mikael Lind](#) ,[Mikael Renz](#) ,[Mombert Hoppe](#) ,[Mouhammed Diouf](#) ,[Natthaphat Rojanasupamit](#) ,[Nicolas Jouannaux](#) ,[Niki Dieckmann](#) ,[Nita Sharma](#) ,[Norbert Pfaffinger](#) ,[Oleksandr Fedorov](#) ,[Omowumi Kayode](#) ,[Paul Donohoe](#) ,[Peter Carter](#) ,[Peter Lunenborg](#) ,[Peter Potgieser](#) ,[Phill Norley](#) ,[Piergiorgio Licciardello](#) ,[Raj Kumar Arora](#) ,[Ravi Chandrasekaran](#) ,[Ray Schraff](#) ,[Reinaldo Figueiredo](#) ,[Richard Morton](#) ,[Rob Exell](#) ,[Robert Willis](#) ,[Rolf Wessel](#) ,[Rudrajeet Pal](#) ,[Rudy Hemeleers](#) ,[SALOMONE Carlo](#) ,[Serena Koh](#) ,[Simon George](#) ,[Simon Rickards](#) ,[Somnuk Keretho](#) ,[Stefan Olsson](#) ,[Stefano Sabatini](#) ,[Stephane Gaudechon](#) ,[Stephane Noll](#) ,[STEVEN HILL](#) ,[Stewart JEACOCKE](#) ,[Sunho Park](#) ,[Svante Schubert](#) ,[Sylvia Webb](#) ,[Tayfun MERMER](#) ,[Thor Baunsgaard](#) ,[Tiago Barbosa](#) ,[Todd Frazier](#) ,[UN/CEFACT Service Desk](#) ,[Uwe Liebschner](#) ,[Viboon Chaojirapant](#) ,[Vinod Kashyap](#) ,[Virginia Cram-Martos](#) ,[Vishal Shrivastava](#) ,[Vladimir Abramytchev](#) ,[Volker KRUMPEL](#) ,[Wang Lin](#) ,[Wassilios LYTRAS](#) ,[Xiang](#)

Project Deliverables

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

Search in this project

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
----	----	----	----	----

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.