



**Economic and Social  
Council**

Distr.  
GENERAL

TRADE/CEFACT/2004/17  
2 April 2004

ENGLISH ONLY

---

**ECONOMIC COMMISSION FOR EUROPE**

COMMITTEE FOR TRADE, INDUSTRY AND  
ENTERPRISE DEVELOPMENT

Centre for Trade Facilitation and Electronic Business (UN/CEFACT)

Item 6 of the provisional agenda

Tenth session, 17-19 May 2004

**PROGRAMME OF WORK FOR THE**

**UN/CEFACT APPLIED TECHNOLOGIES GROUP (ATG)**

Submitted by the Chairman of the UN/CEFACT Applied Technologies Group (ATG) \*

\* This document is submitted by the Applied Technologies Group (ATG) and has been processed without any formal editing. It is submitted to the Plenary for information.

## UN/CEFACT Applied Technologies Group (ATG) Work Plan for key deliverables

Version 2.10  
March 2004

Activity	Tasks	Description	Priority	Dates (YY.MM)		Resources		Status		
				Start	End	PT leader	Editor	%	Resp.	Comments
1. Organisation and Management	Develop and maintain internal management documents for consistent and efficient operation of ATG		M	03.01	On-going	ATG Chair	Secretary	na	ATG	
	1.1 Work plan				On-going			na	ATG	
	1.2 Internal work items				On-going			na	ATG	
	1.3 Internal issues list				On-going			na	ATG	
	1.4 Meeting schedule	Including schedule of conference calls			On-going			na	ATG	
	1.5 Membership list				On-going			na	ATG	
	1.6 ATG Web site				On-going			na	ATG	
	1.7 eRoom				On-going			na	ATG	
	1.8 Develop procedure for processing change requests against XML syntax deliverables		H	03.01	03.09		TAB		ATG	
2. Standard Business Document	Develop a Technical Specification of the Standard Business Document Header, its attributes and usage guidelines.		H	02.09	03.09	Melanie Kudela	John Duker		ATG	

Activity	Tasks	Description	Priority	Dates (YY.MM)		Resources		Status		
				Start	End	PT leader	Editor	%	Resp.	Comments
Header	2.1 Prepare Project Proposal	ODP stage 1 including soliciting contributions			03.01			100 %	ATG	Project Proposal approved by ATG 2003.01. Project Proposal approved by FCT 2003.03.
	2.2 Requirements list	ODP stage 2 including review of any contributions received			03.01			100 %	ATG	Guiding principles agreed by ATG in 2003.01.
	2.3 Write first working draft	ODP stage 3			03.01			100 %	ATG	
	2.4 Internal review to refine the first working draft	ODP stage 4						100 %	ATG	
	2.5 Public review	ODP stage 5						100 %	ATG	Public Review ended Jan 31, 2004. ATG Approved changes March 2004
	2.6 Implementation verification	ODP stage 6						5%	ATG	Implementation trial to start April 2004
	2.7 Release of final Technical Specification	ODP stage 7						0%	ATG	

Activity	Tasks	Description	Priority	Dates (YY.MM)		Resources		Status		
				Start	End	PT leader	Editor	%	Resp.	Comments
3. Harmonisation of Representation Terms	Rationalise the difference between the UN/EDIFACT Representation Terms and those in the Core Component Technical Specification.		H	02.09	03.09	Margaret Pemberton			ATG	
	3.1 Prepare Project Proposal	ODP stage 1 including soliciting contributions			03.01			100 %	ATG	Project Proposal approved by ATG 2003.01. Project Proposal approved by FCT 2003.03.
	3.2 Requirements list	ODP stage 2 including review of any contributions received			03.01			100 %	ATG	
	3.3 Write first working draft	ODP stage 3		03.01				0%	ATG	
	3.4 Internal review to refine the first working draft	ODP stage 4						0%	ATG	
	3.5 Public review	ODP stage 5						0%	ATG	
	3.6 Implementation verification	ODP stage 6						0%	ATG	
	3.7 Release of final Technical Specification	ODP stage 7						0%	ATG	

Activity	Tasks	Description	Priority	Dates (YY.MM)		Resources		Status		
				Start	End	PT leader	Editor	%	Resp.	Comments
4. Library Content Management	Develop a Procedure for the Maintenance of all Library Content, including models, core components, and syntax specific solutions.		H	02.09	05.09	Jostein Fromyr			ATG1	
	4.1 Prepare Project Proposal	ODP stage 1 including soliciting contributions			03.01			100 %	ATG	Project Proposal approved by ATG 2003.01. Project Proposal approved by FCT 2003.03.
	4.2 Requirements list	ODP stage 2 including review of any contributions received			03.01			10 %	ATG	
	4.3 Write first working draft	ODP stage 3		03.01				0%	ATG	
	4.4 Internal review to refine the first working draft	ODP stage 4						0%	ATG	
	4.5 Public review	ODP stage 5						0%	ATG	
	4.6 Implementation verification	ODP stage 6						0%	ATG	
	4.7 Release of final Technical Specification	ODP stage 7						0%	ATG	

## Applied Technologies Group – Working Group 1 (ATG1) UN/EDIFACT Working Group

Activity	Tasks	Description	Priority	Dates (YY.MM)		Resources		Status		
				Start	End	PT leader	Editor	%	Resp.	Comments
1. Organisation and Management	Develop and maintain internal management documents for consistent and efficient operation of ATG1.		M	03.01	On-going	ATG1 Chair	Secretary		ATG1	
	1.1 Work plan				On-going			na	ATG1	
	1.2 Internal work items				On-going			na	ATG1	
	1.3 Internal issues list				On-going			na	ATG1	
	1.4 Meeting schedule				On-going			na	ATG1	
	1.5 Membership list				On-going			na	ATG1	
	1.6 eRoom				On-going			na	ATG1	
2. Message Design Rules, ver. 7	Develop and maintain an updated MDR that includes the new technologies that have been adopted by the UN/CEFACT forum groups, e.g. core components and UMM based modelling.		H	02.09	03.09	Anders Grangard	Tim Cochran	5	ATG1	
	2.1 UML to UN/EDIFACT rules and guidelines	Including UML profile	H	02.09	03.09			15	ATG1	Depending on the UML to UN/EDIFACT project
	2.2 Contents changes	Any required changes based on the findings of the UML to UN/EDIFACT Transformation Rules	H	02.09	03.09			0	ATG1	

Activity	Tasks	Description	Priority	Dates (YY.MM)		Resources		Status		
				Start	End	PT leader	Editor	%	Resp.	Comments
	2.3 Technical Assessment Checklist (TAC)	Include TAC for UN/EDIFACT constructs and modelled messages	H	02.09	03.09			5	ATG1	
3. Technical Assessment	Technical assessment of candidate library contents provided by other UN/CEFACT groups.		H	02.09	On-going	ATG1 chair	Secretary		ATG1	
	3.1 UN/EDIFACT		H	02.09	On-going			na	ATG1	
	3.1 Update ATG Tools		M	02.09	On-going	Margaret Pemberton		na	ATG1	
4. Standards production	Production of the biannual UN/EDIFACT standards directories.		H	02.09	On-going	ATG1 chair	Secretary	na	ATG1	
	4.1 UNSM and supporting directories		H	02.09	On-going			na	ATG1	
	4.2 TDED/TDID reconciliation	Align the directoires with UN/CEFACT TS	M	06.99	03.09		TBA	60	ATG1/TC154	
5. UML to UN/EDIFACT Transformation Rules	Develop a Technical Specification for the transformation from UMM compliant UML artefacts to UN/EDIFACT.		H	02.09	04.03	Per Kiilsholm			ATG1	
	5.1 Prepare Project Proposal	ODP stage 1 including soliciting contributions			03.01			100%	ATG1	Project Proposal approved by ATG 2003.01. Project Proposal approved by FCT 2003.03.
	5.2 Requirements list	ODP stage 2 including review of any contributions received			03.06			100%	ATG1	
	5.3 Write first working draft	ODP stage 3		03.06	04.03			100%	ATG1	First Draft prepared for ATG Review March 04
	5.4 Internal review to refine the first working draft	ODP stage 4		04.04				0%	ATG1	





## Applied Technologies Group – Working Group 2 (ATG2) XML Working Group

Activity	Tasks	Description	Priority	Dates		Resources		Status		
				Start	End	PT leader	Editor	%	Resp.	Comments
1. Organisation and Management	Develop and maintain internal management documents for consistent and efficient operation of ATG.		M	03.01	On-going	ATG2 Chair			ATG2	
	1.1 Work plan				On-going		Secretary	Na	ATG2	
	1.2 Internal work items				On-going		Secretary	Na	ATG2	
	1.3 Internal issues list				On-going		Secretary	Na	ATG2	
	1.4 Meeting schedule	Including schedule of conference calls			On-going		ATG2 chair	Na	ATG2	
	1.5 Membership list				On-going		Secretary	Na	ATG2	
	1.6 ATG Web site				On-going		ATG2 chair	Na	ATG2	
	1.7 Develop procedure for processing change requests against XML syntax deliverables		H	03.01	03.01		TAB	100 %	ATG2	Activity closed as responsibility transferred to ATG.
2. XML schema	The actual development of XML syntax deliverables.		H		On-going	ATG2 chair			ATG2	

Activity	Tasks	Description	Priority	Dates		Resources		Status		
				Start	End	PT leader	Editor	%	Resp.	Comments
production	2.1 Provide XML schemas for message structures and reusable components	Ongoing activity that will be done on request from TBG.			On-going	ATG2 chair	Na	Na	ATG2	Depends on completion of XML NDR (Activity 4) and UML2XML transformation rules (activity 6).
	2.2 Technical Assessment of all XML syntax deliverables				On-going	ATG2 chair	Na	Na	ATG2	
3. Maintenance of Technical Specifications	The actual maintenance of approved Technical Specifications. ODP stage 8.				On-going	ATG2 chair			ATG2	
	3.1 TS on XML NDR				On-going		TBA	Na	ATG2	
	3.2 TS on UML2XML				On-going		TBA	Na	ATG2	
	3.3 XML check list				On-going		TBA	Na	ATG2	
4. XML NDR	Develop a Technical Specification for the UN/CEFACT XML naming conventions and design rules. Including an extension methodology and XML message assembly.		H	02.09	03.09	Mark Crawford			ATG2	
	4.1 Prepare Project Proposal	ODP stage 1 including soliciting contributions			03.01		Gunther Stuhec	100 %	ATG2	Project Proposal approved by ATG 2003.01. Project Proposal approved by FCT 2003.03.

Activity	Tasks	Description	Priority	Dates (YY.MM)		Resources		Status		
				Start	End	PT leader	Editor	%	Resp.	Comments
	4.2 Requirements list	ODP stage 2 including review of any contributions received			03.01		Gunther Stuhec	100 %	ATG2	Guiding principles agreed by ATG2 in 2003.01.
	4.3 Write first working draft	ODP stage 3		03.01	03.12		Gunther Stuhec	100 %	ATG2	
	4.4 Internal review to refine the first working draft	ODP stage 4		03.12	04.04			50 %	ATG2	
	4.5 Public review	ODP stage 5		04.05	04.06			0%	ATG2	
	4.6 Implementation verification	ODP stage 6		04.07	04.09			0%	ATG2	
	4.7 Release of final Technical Specification	ODP stage 7		04.09	05.01			0%	ATG2	
5. UML profile for XML	Develop a Technical Specification for the UN/CEFACT profile of UML for modelling XML based solutions.		H	02.09	03.01	Na	Na	100 %	ATG2	Closed as ATG2 activity. Project to be discussed with TMG.
6. UML2XML Transformation rules	Develop a Technical Specification documenting the UN/CEFACT applicable for transforming UML artefacts in to XML syntax structures compliant with the UN/CEFACT XML NDR. Including scripts for producing XML based solutions.		H	02.09	05.09	TAB		5 %	ATG2	
	6.1 Prepare Project Proposal	ODP stage 1 including soliciting contributions			03.01		Thomas Bikeev	100 %	ATG2	Project Proposal approved by ATG 2003.01. Project Proposal approved by FCT 2003.03.

Activity	Tasks	Description	Priority	Dates (YY.MM)		Resources		Status		
				Start	End	PT leader	Editor	%	Resp.	Comments
	6.2 Requirements list	ODP stage 2 including review of any contributions received			04.06		Thomas Bikeev	0%	ATG2	
	6.3 Write first working draft	ODP stage 3						0%	ATG2	
	6.4 Internal review to refine the first working draft	ODP stage 4						0%	ATG2	
	6.5 Public review	ODP stage 5						0%	ATG2	
	6.6 Implementation verification	ODP stage 6						0%	ATG2	
	6.7 Release of final Technical Specification	ODP stage 7						0%	ATG2	
7. XML schemas for the BPSS	Develop XML schemas for the Business Process Specification (BPSS) that are compliant to the UN/CEFACT XML NDR		M			TBA			ATG2	Depends on completion of Design Rules.
	7.1 Prepare Project Proposal	ODP stage 1 including soliciting contributions			03.01		Mark Crewford	100%	ATG2	Project Proposal approved by ATG 2003.01
	7.2 Requirements list	ODP stage 2 including review of any contributions received						0%	ATG2	
	7.3 Write first working draft	ODP stage 3						0%	ATG2	
	7.4 Internal review to refine the first working draft	ODP stage 4						0%	ATG2	
	7.5 Public review	ODP stage 5						0%	ATG2	
	7.6 Implementation verification	ODP stage 6						0%	ATG2	
	7.7 Release of final Technical Specification	ODP stage 7						0%	ATG2	

Activity	Tasks	Description	Priority	Dates (YY.MM)		Resources		Status		
				Start	End	PT leader	Editor	%	Resp.	Comments
8. UN/CEFACT guide for the ebXML CPP/CPA	Develop a Technical Guide for the UN/CEFACT profile of the ebXML CPPA Technical Specification..		L			TBA			ATG2	
	8.1 Prepare Project Proposal	ODP stage 1 including soliciting contributions			03.01		Melanie Kudela	100 %	ATG2	Project Proposal approved by ATG 2003.01. Project Proposal approved by FCT 2003.03.
	8.2 Requirements list	ODP stage 2 including review of any contributions received						0%	ATG2	
	8.3 Write first working draft	ODP stage 3						0%	ATG2	
	8.4 Internal review to refine the first working draft	ODP stage 4						0%	ATG2	
	8.5 Public review	ODP stage 5						0%	ATG2	
	8.6 Implementation verification	ODP stage 6						0%	ATG2	
	8.7 Release of final Technical Specification	ODP stage 7						0%	ATG2	
9. Technical Assessment Checklist for XML syntax deliverables	Develop a Technical Specification documenting all the rules and checks applicable in order to verify the technical conformance of any XML syntax solution.		M	03.01		Jostein Frømyr			ATG2	
	9.1 Prepare Project Proposal	ODP stage 1 including soliciting contributions			03.01		Jostein Frømyr	100 %	ATG2	Project Proposal approved by ATG 2003.01. Project Proposal approved by FCT 2003.03.

Activity	Tasks	Description	Priority	Dates (YY.MM)		Resources		Status		
				Start	End	PT leader	Editor	%	Resp.	Comments
	9.2 Requirements list	ODP stage 2 including review of any contributions received						0%	ATG2	
	9.3 Write first working draft	ODP stage 3						0%	ATG2	
	9.4 Internal review to refine the first working draft	ODP stage 4						0%	ATG2	
	9.5 Public review	ODP stage 5						0%	ATG2	
	9.6 Implementation verification	ODP stage 6						0%	ATG2	
	9.7 Release of final Technical Specification	ODP stage 7						0%	ATG2	
10. Implementers Guide to the ebXML Technical Architecture	Develop a Technical Guide to clarify the content and usage of the components of the ebXML technical architecture.		M	03.01		TBA			ATG2	
	10.1 Prepare Project Proposal	ODP stage 1 including soliciting contributions			03.01		Melanie Kudela	100%	ATG2	Project proposal approved by ATG on 2003.01. Project Proposal approved by FCT 2003.03.
	10.2 Requirements list	ODP stage 2 including review of any contributions received			04.06		Melanie Kudela	0%	ATG2	
	10.3 Write first working draft	ODP stage 3						0%	ATG2	
	10.4 Internal review to refine the first working draft	ODP stage 4						0%	ATG2	
	10.5 Public review	ODP stage 5						0%	ATG2	
	10.6 Implementation verification	ODP stage 6						0%	ATG2	

Activity	Tasks	Description	Priority	Dates (YY.MM)		Resources		Status		Comments
				Start	End	PT leader	Editor	%	Resp.	
	10.7 Release of final Technical Specification	ODP stage 7						0%	ATG2	
11. Representation of CCTS components in XML	Develop XML schemas, that are compliant to the UN/CEFACT XML NDR, for describing Business Process and Information Models, to include Core Components and Business Information Entities, as stored in the Registry/Repository		M			Gunther Stuhec			ATG2	Depends on completion of Design Rules.
	11.1 Prepare Project Proposal	ODP stage 1 including soliciting contributions			03.03		Gunther Stuhec	100%	ATG2	Project proposal approved by ATG on 2003.01. Project Proposal approved by FCT 2003.03.
	11.2 Requirements list	ODP stage 2 including review of any contributions received			04.06		Mark Crawford	0%	ATG2	
	11.3 Write first working draft	ODP stage 3						0%	ATG2	
	11.4 Internal review to refine the first working draft	ODP stage 4						0%	ATG2	
	11.5 Public review	ODP stage 5						0%	ATG2	
	11.6 Implementation verification	ODP stage 6						0%	ATG2	
	11.7 Release of final Technical Specification	ODP stage 7						0%	ATG2	
12. XML expression of CCTS context constraint	Develop XML syntax expression of the Core Component Technical Specification context constraint language that is compliant to the UN/CEFACT XML NDR.		M			TBA	TBA		ATG2	

