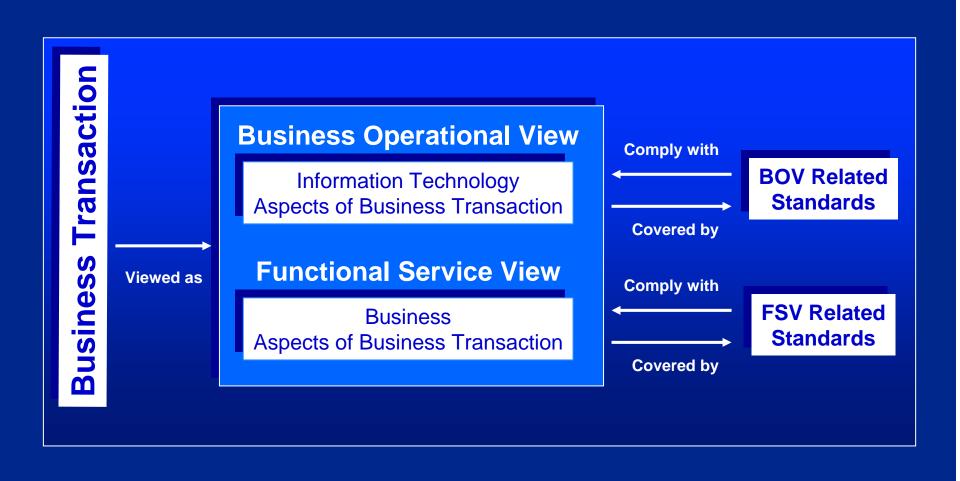


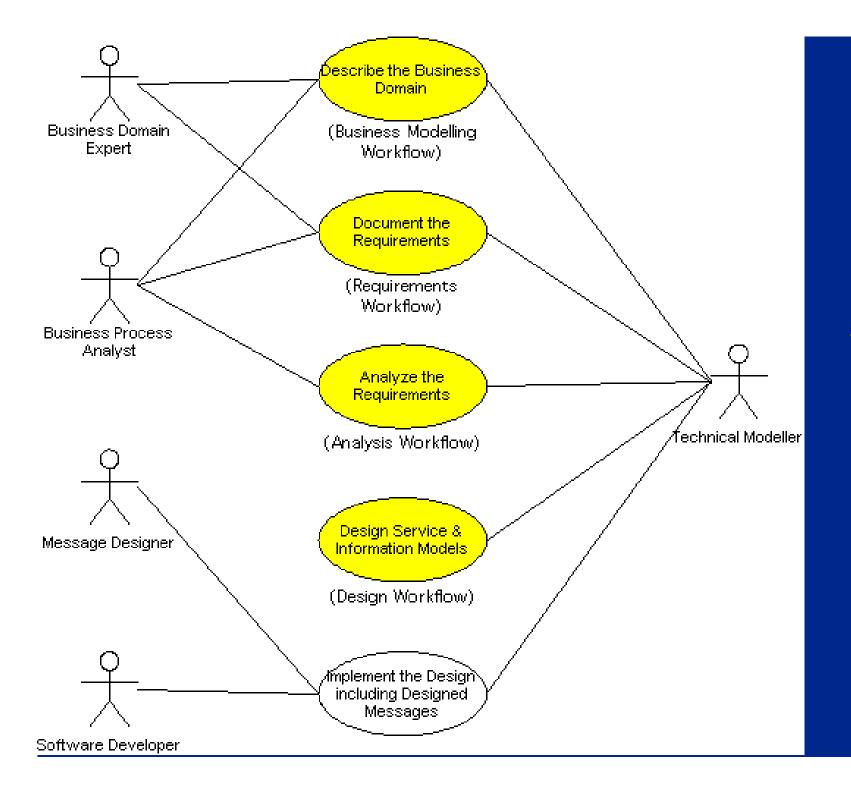
DUMMIES

UMM for Dummies (formerly UMM 101)

UNITED NATIONS CENTRE FOR TRADE FACILITATION AND ELECTRONIC BUSINESS Under the auspices of United Nations Economic Commission for Europe

Open-edi Reference Model





UMM Workflows

UN/CEFACT's Modeling Methodology

BOV Business Operational View

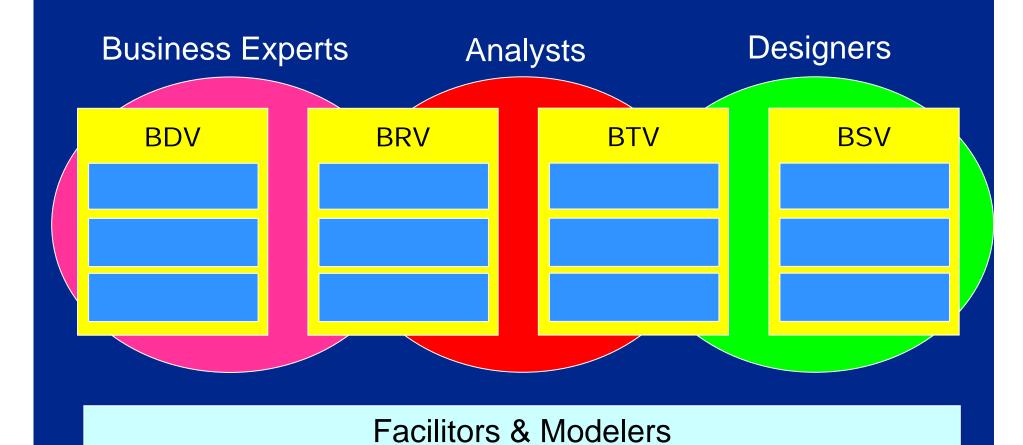
BDV Business Domain View BRV
Business
Requirement
View

BTV
Business
Transaction
View

BSV Business Service View



Participant Skill Sets





Libraries

Business Process Area Packages

Common Business Processes

Business Entities Business Information Objects

Business Process & Information Models

Business Domain Artifacts

Business Process Areas (Package Diagram)

Level 1Business Processes (Use Case Diagram)

Business Process Description (Use Case Description Template)

Business Requirements Artifacts

Business Process Decomposition (Use Case Diagram)

Business Process Activity Model (Activity Graph)

Business Collaboration Use Cases (Use Case Diagram)

Business Collaboaration (Use Case Realization Diagram)

BP, BCUC, BC Descriptions (Use Case Description Template)

> REA-Model (Class Diagram)

Business Entity States (State Diagram)

Business Transaction Artifacts

Business Collaboration Protocol (Activity Graph)

Business Transaction (Activity Graph)

Conceptual Business Document (Class Diagram)

Business Service Artifacts

Service Collaboration (Sequence Diagram)

> Final Business Message (Class Diagram)

UN/CEFACT's Modeling Methodology

BOV Business Operational View

BDV Business Domain View

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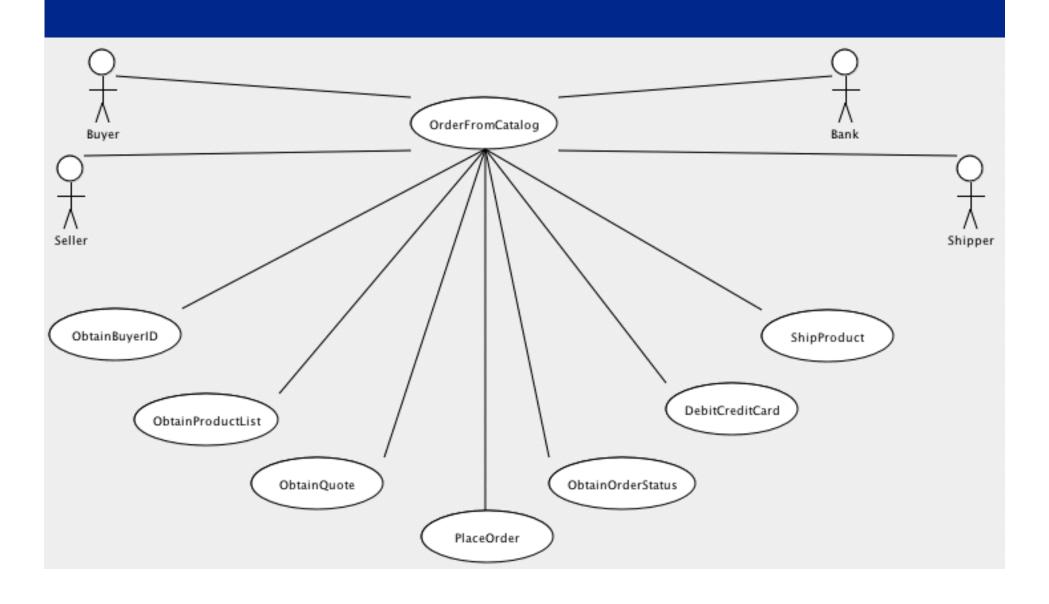
Business Domain View

Domains Business	Marketing	Ordering	Distribution	Settlement	Regulatory
Manufacturing	Business	Business	Business Process	Business Process	Business Process
	Process Area	Process Area	Area	Area	Area
	(package)	(package)	(package)	(package)	(package)
Financial	Business Process Area (package)	Business Process Area (package)	Business Process Area (package)	Business Process Area (package)	Business Process Area (package)
Retail	Business	Business	Business Process	Business Process	Business Process
	Process Area	Process Area	Area	Area	Area
	(package)	(package)	(package)	(package)	(package)
Transport	Business Process Area (package)	Business Process Area (package)	Business Process Area (package)	Business Process Area (package)	Business Process Area (package)
Services	Business	Business	Business Process	Business Process	Business Process
	Process Area	Process Area	Area	Area	Area
	(package)	(package)	(package)	(package)	(package)

Identify the relevant Business Goal and Level 1 Business
 Processes (Use Case Diagram)



Business Goal (Decomposition - Level 1)



- Identify the relevant Business Goal and Level 1 Business processes (Use Case Diagram)
- □ Identify the relevant BDV Business(es) and Domain(s) to accomplish the Business Goal



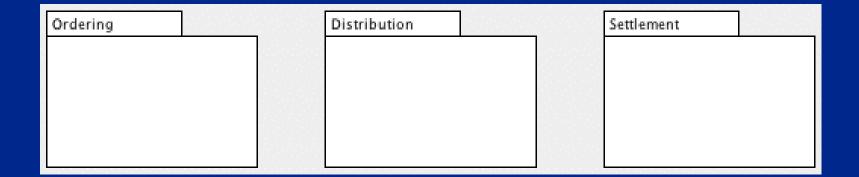
Business Domain View

Domains	Marketing	Ordering	Distribution	Settlement	Regulatory
Business					
Manufacturing					
Financial					
Retail		Business Process Area (package)	Business Process Area (package)	Business Process Area (package)	
Transport					
Services					

- Identify the relevant Business Goal and Level 1 Business processes (Use Case Diagram)
- □ Identify the relevant BDV Business(es) and Domain(s) to accomplish the Business Goal
- □ Select the relevant Business Process Area(s) [Intersection of Business and Domains]



Retail Business Area Package



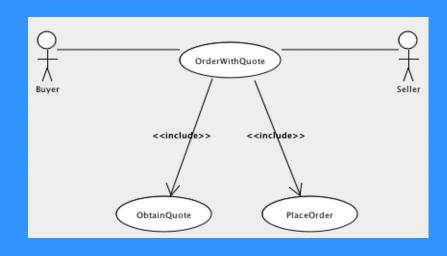


- □ Identify the relevant Business Goal and Level 1 Business processes (Use Case Diagram)
- □ Identify the relevant BDV Business(es) and Domain(s) to accomplish the Business Goal
- □ Select the relevant Business Process Area(s) [Intersection of Business and Domains]
- □ Select from within the selected Business Process Area(s) the appropriate Business Processes
 - o Note: If there are missing Business Processes in the selected areas search within the other Business Process Areas for possible matches



Ordering Business Process

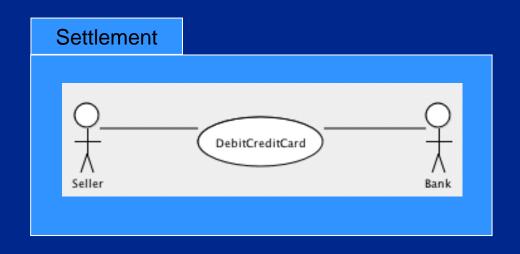
Ordering

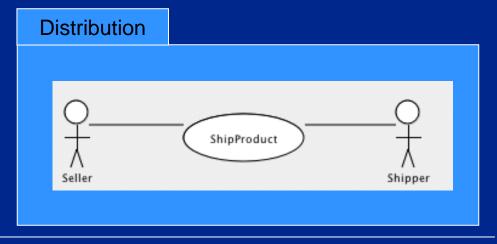






Other Packages



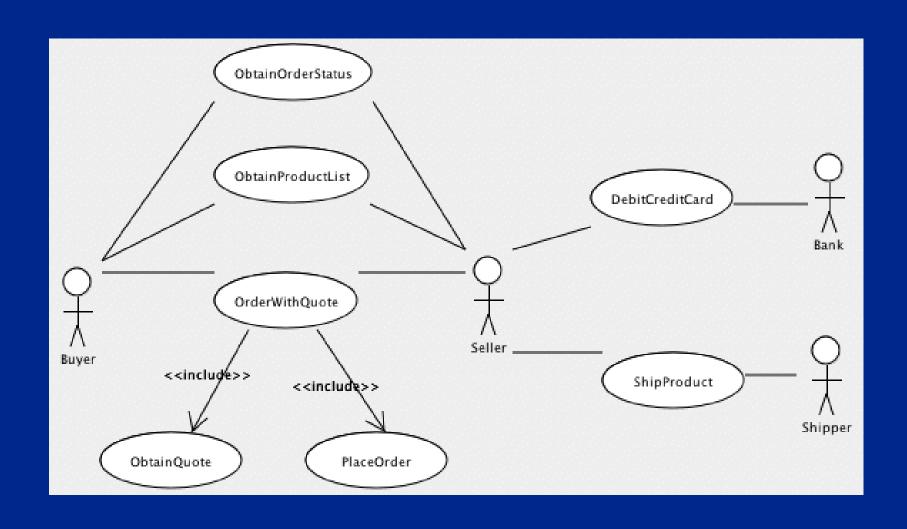




- □ Identify the relevant Business Goal and Level 1 Business processes (Use Case Diagram)
- □ Identify the relevant BDV Business(es) and Domain(s) to accomplish the Business Goal
- □ Select the relevant Business Process Area(s) [Intersection of Business and Domains]
- □ Select from within the selected Business Process Area(s) the appropriate Business Processes
- Collect the selected Business Processes in a Use Case Diagram



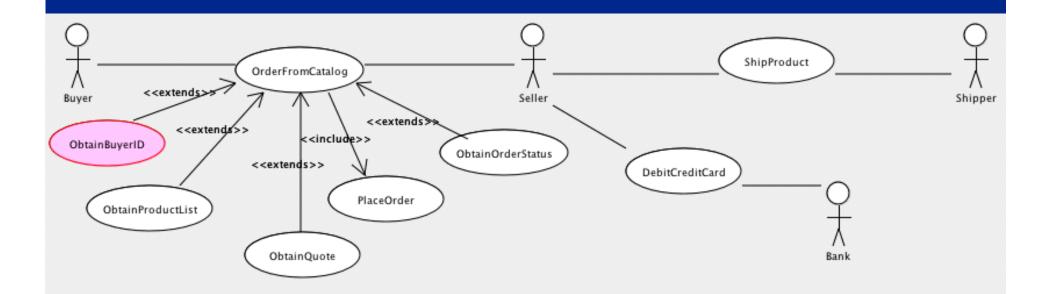
Resulting Use Case Diagram using selected Business Processes from Library



- □ Identify the relevant Business Goal and Level 1 Business processes (Use Case Diagram)
- □ Identify the relevant BDV Business(es) and Domain(s) to accomplish the Business Goal
- □ Select the relevant Business Process Area(s) [Intersection of Business and Domains]
- □ Select from within the selected Business Process Area(s) the appropriate Business Processes
- □ Collect the selected Business Processes in a Use Case Diagram
- ☐ If required, rearrange the Use Case Diagram to reflect the Business Goal. Identify possible missing Business Process Area(s) and/or Business Process(es)



Catalog Order Use Case Diagram



- □ Identify the relevant Business Goal and Level 1 Business processes (Use Case Diagram)
- □ Identify the relevant BDV Business(es) and Domain(s) to accomplish the Business Goal
- □ Select the relevant Business Process Area(s) [Intersection of Business and Domains]
- □ Select from within the selected Business Process Area(s) the appropriate Business Processes
- □ Collect the selected Business Processes in a Use Case Diagram
- ☐ If required, rearrange the Use Case Diagram to reflect the Business Goal. Identify possible missing Business Process Area(s) and/or Business Process(es)
- □ Move on to BRV



UN/CEFACT's Modeling Methodology

BOV Business Operational View

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- □ Define the Roles associated with the Trading Partners (Actors) within the selected Business Processes
- □ Determine what additional requirements (include or extend) may be needed for the selected Business Processes to achieve the desired Business Goal
- □ Define the Economic Requirements (REA)



To be completed...



UN/CEFACT's Modeling Methodology

BOV Business Operational View

BDV Business Domain View BRV
Business
Requirement
View

BTV Business Transaction View

BSV Business Service View



To be completed...



UN/CEFACT's Modeling Methodology

BOV Business Operational View

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BTV
Business
Transaction
View

BSV Business Service View



To be completed...



