

IBM CrossWorlds
WebSphere Business Integration for
Retail Distribution



UCCnetGBO_envelope Business Object

Version 4.1.1

Note!

Before using this information and the product it supports, be sure to read the general information under “Notices and Trademarks” on page 3.

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UCCnetGBO_envelope business object

Note: This document assumes that the reader is familiar with IBM® CrossWorlds® components, the UCCnet message set, and the UCCnet Document Type Definition (DTD), and has access to UCCnet documentation and UCCnet eRoom digital workplaces.

The UCCnet DTD defines standards for the item information exchanged between UCCnet trading partners and for the requirements of the Trading Partner Interchange (TPI), which enables the exchange of data in the form of XML messages. The IBM CrossWorlds system transforms UCCnet XML messages into UCCnet_envelope business objects, which are then passed through the UCCnet_envelope_to_UCCnetGBO_envelope map. This map inserts default values for the XMLDeclaration and DocType attributes, so these values are in place when the resulting UCCnetGBO_envelope Application-Specific Business Object (ASBO) is processed by collaborations.

The UCCnetGBO_envelope business object is based on the UCCnet DTD and is typically used to exchange data between specific IBM CrossWorlds connectors and the WebSphere® Business Integration for Retail Distribution collaborations. The attributes of the business object cover both the addressing information used by the TPI server in transmitting XML messages, and the business information types that are published between trading partners in the UCCnet environment.

Business object structure

The UCCnetGBO_envelope business object is a hierarchical business object. The following table shows its structure.

Table 1. Attributes for UCCnetGBO_envelope business object

Name	Type	Key	Cardinality
TPIRouteInfo	TPIRouteInfo		1
XMLDeclaration	String		
DocType	String	x	
TLO	UCCnet_TLO_envelope		1

The UCCnetGBO_envelope business object includes attributes based on the following child business objects:

TPIRouteInfo

This child business object is a flat business object. It contains attributes for routing messages in conformance with TPI, namely those that the TPI connector uses for creating and sending messages in XML format.

Table 2. Attributes for TPIRouteInfo child business object

Name	Type	Key
DocumentType	String	x
BOPrefix	String	
SenderId	String	

Table 2. Attributes for *TPIRouteInfo* child business object (continued)

Name	Type	Key
ReceiverId	String	
UniqueId	String	
OriginalName	String	
WaitForMDN	String	
BackupRequired	String	

UCCnet_TLO_envelope

This child business object is a hierarchical business object. It contains child business objects for the message header and for the body of the message. The child business object representing the body of the message contains additional child business objects that represent different types of information used for items in UCCnet. These nested child business object definitions contain exactly the same attributes, sequence, and structure that are specified in the UCCnet DTD. See UCCnet documentation for more information on the attributes required by UCCnet.

Note: In this table, spaces have been inserted in one entry in the Type column to enable the entry to fit in the table cell. The actual entry does not include spaces.

Table 3. Attributes for *UCCnet_TLO_envelope* child business object

Name	Type	Key	Cardinality
communicationVersion	String		
messageHeader	UCCnet_envelope_messageHeader		1
body	UCCnet_envelope_body		1

Supported verbs

The UCCnetGBO_envelope business object supports the following verbs:

- Request Processing (sending to the destination application): Create
- Event Notification (receiving from the source application): Create

Examining the object

To examine a listing of the attributes of the UCCnetGBO_envelope business object, use the IBM CrossWorlds System Manager or IBM CrossWorlds Business Object Designer.

See also

For more information on related business objects and collaborations, see the following documents:

- UCCnetMessageReceive Collaboration
- UCCnetMessageSend Collaboration
- Retail_Item Business Object
- UCCnet_envelope Business Object

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