

This presentation will review Electronic Data Interchange (EDI) Standards.



The presentation will review the steps for mapping and describe EDI Standards.



Before you can use WebSphere Data Interchange (WDI) to translate data, or to send or receive transactions, messages, or files, you must define certain information. This information describes how your system sends and receives data, how data is formatted in your application files and to a standard, to whom you send data and from whom you receive data, and other pertinent information. A WebSphere Data Interchange map relates a source document to a target document. In WebSphere Data Interchange you can create or import document definitions for the source and target documents, and then create a map which relates the elements in the source document to elements in the target document.



An EDI standard is a set of pre-defined business documents and provides the building blocks for electronic versions of common business documents. The EDI standards are developed and maintained by Standards Organizations for example, Accredited Standards Committee (ASC) X12 and UN/CEFACT. The standards are designed to work across industry and company boundaries.



The business document definitions are referred to as Transaction Sets and Messages. Examples of messages are invoices or purchase orders. Each message contains a set of Segments and looping segments. Each line of a business document corresponds to a EDI standard segment in the EDI standard transaction set. Each segment can contain compound elements which are simple elements that are logically related. A Simple element represents the individual units of data found in business documents, such as quantity ordered or unit price. Some elements also have a code list associated with the element. A code list contains valid values for the element.

IBM Software Group	IBM
EDI Standards	
🖸 WebSphere Data Interchange for Multiplatforms V3.3 - [WDI33Server - Data Transformation Map - WDICONFLB2_S850T]	
Image: File Actions Edit Navigate View Window Help     Image: Image	
General Details Comments	
⊕ ■ HEADER (Header Record WDI User Conference 2006 - Lab 1]     ⊕ ■ LINETTINS (Linettens Record WDI User Conference 2006 - Lab 1]     ⊕ ■ TRAILER [Trailer Record WDI User Conference 2006 - Lab 1]	Transaction (X12V4R1)850  EG [Beginning Segment for Purchase Order] 1M 353 [Transaction Set Purpose Code] 2M 32P (Purchase Order Type Code] 3M 324 [Purchase Order Number] 4 0 328 [Release Number] 5M 327 [Date]
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EDI Standards	6 © 2007 IBM Corporatio

This is an example of a Data Transformation (DT) map. The source document is in the top left window and the target document is in the top right window. The mapping commands are in the bottom left window. This map is a application data format to EDI Standard map and is a target based map. The EDI Standard target document contains all the segment and element definitions for this business document.



This is an example of a Send map. The source document is in the left window and the target document is in the right window. The mapping commands are in the target document on the right. This map is a application data format to EDI Standard map. The EDI Standard target document contains all the segment and element definitions for this business document.



More information can be found in the WebSphere Data Interchange Version 3.3 Mapping Guide.

