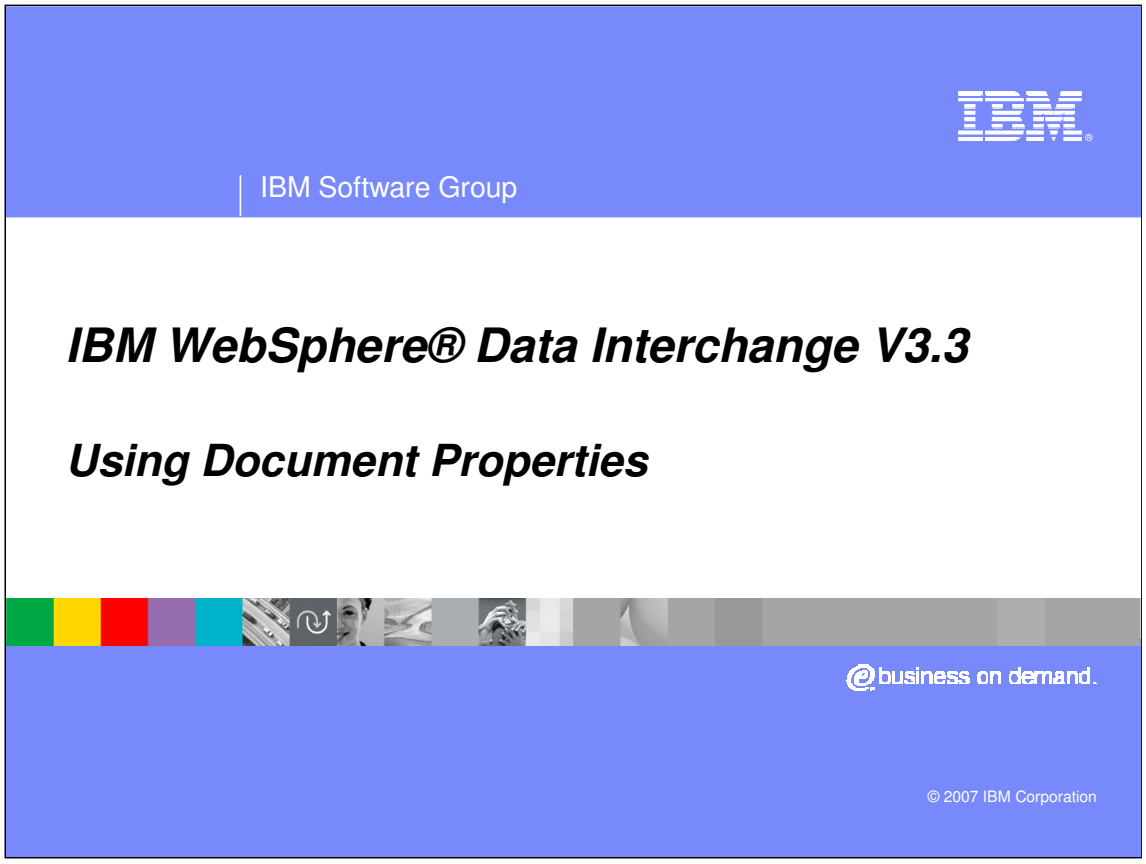
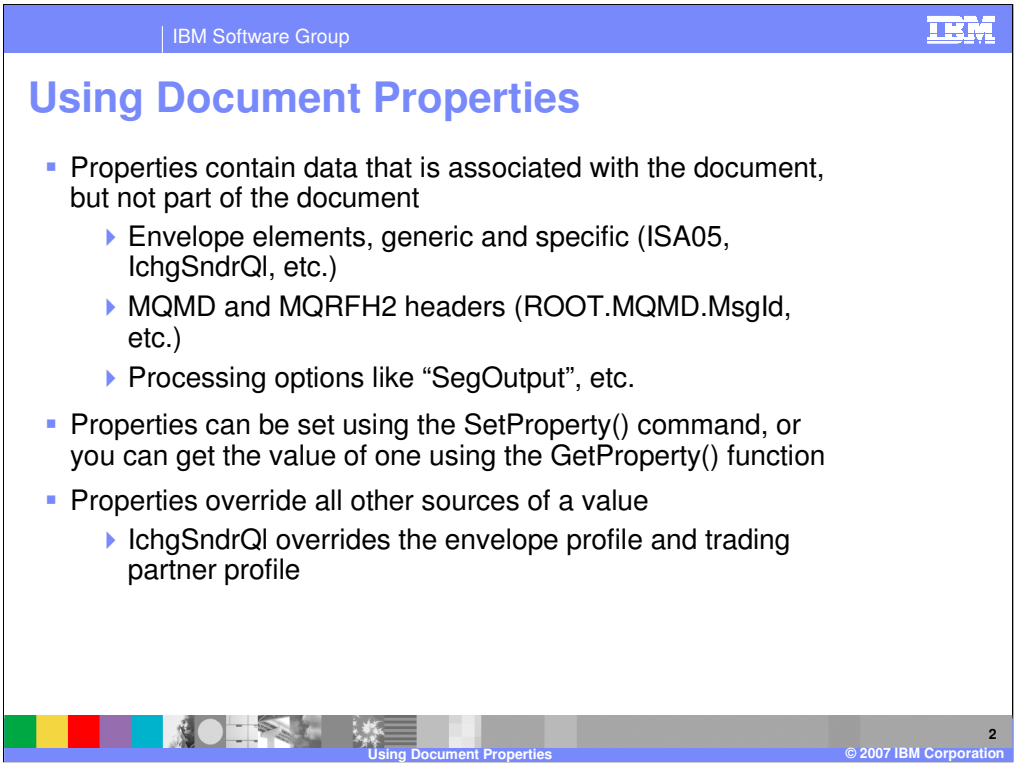


This presentation will review the document properties that can be used in a Data Transformation map.



Properties contain data that is associated with the document, but not part of the document. Examples of document properties are Envelope elements, the WebSphere MQ (WMQ) MQMD and MQRFH2 headers, and processing options like “SegOutput”. Properties can be set using the SetProperty() command, or you can get the value of a property using the GetProperty() function. Target document properties override all other sources of a value. For example: IchgSndrQl overrides the envelope profile and trading partner profile.

Section

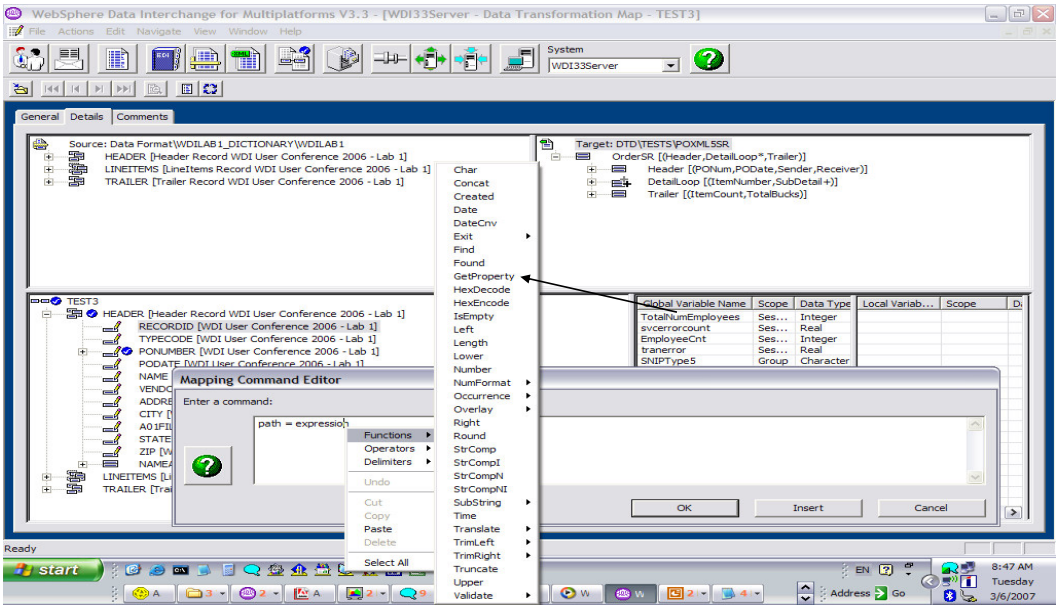
GetProperty Function

Using Document Properties

- Any command that uses expression as an argument
- Get a property of the source message
- If not set in the source message, an empty string is returned

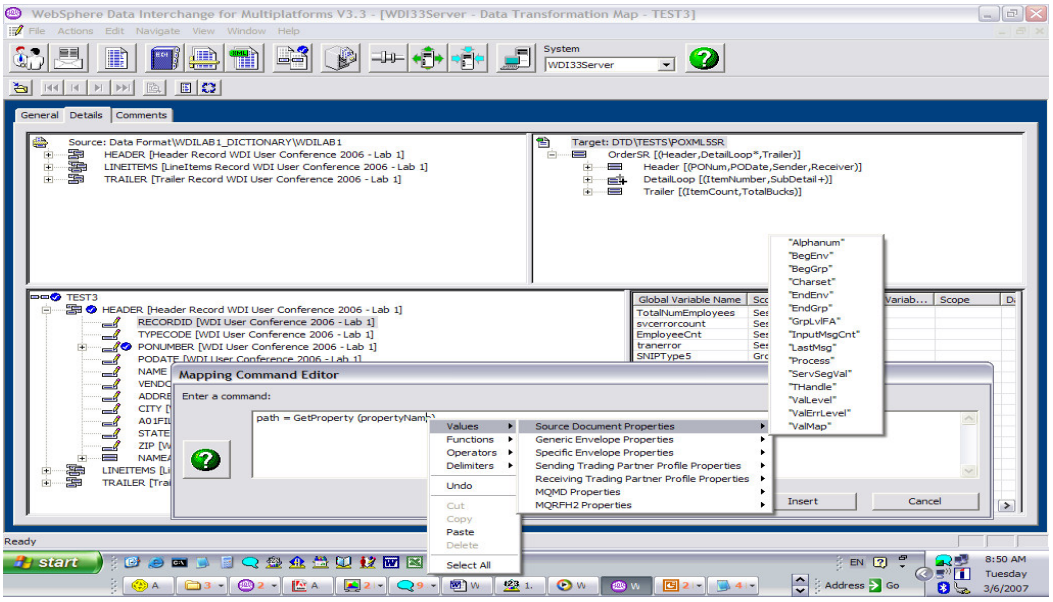
The GetProperty function can be used with any command that has an expression as an argument. This function retrieves values from the source message and if the value is not set an empty string is returned.

Using Document Properties



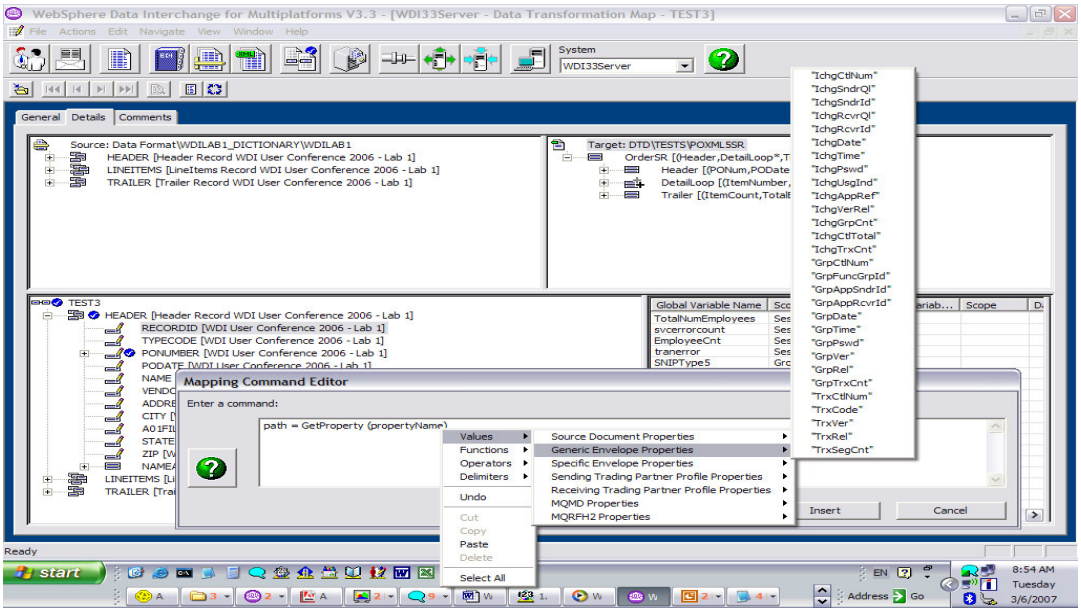
This is an example of the Assignment Command. To select the GetProperty function, right click on the expression and select GetProperty.

Using Document Properties



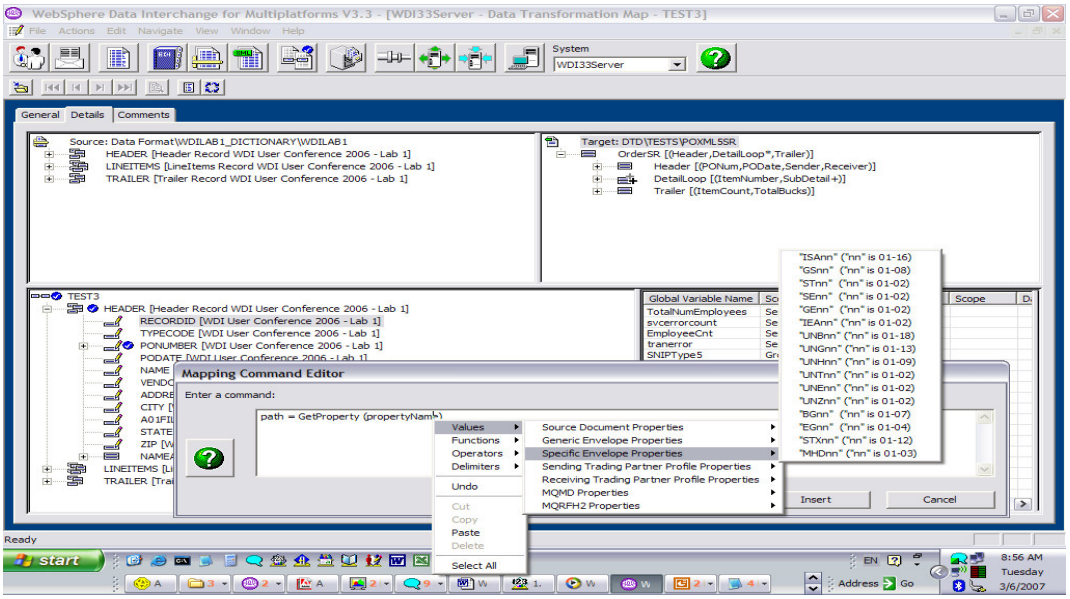
Source document properties include the flags that signal the begin and end of envelopes, the input message count, a last message indicator, and the WebSphere Data Interchange (WDI) document store thandle.

Using Document Properties



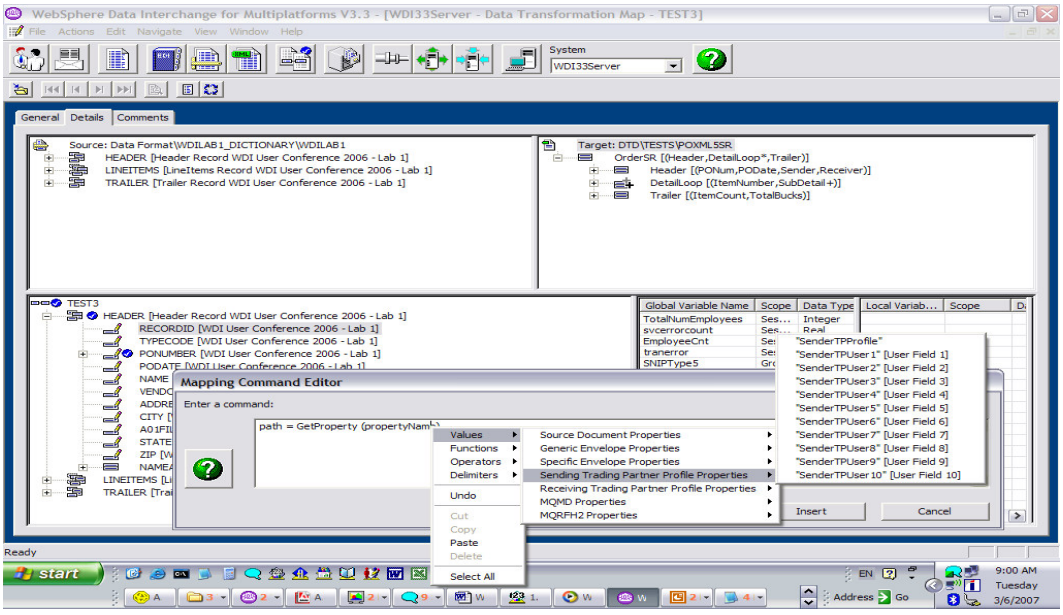
Generic envelope properties include values that would be found in an Electronic Data Interchange (EDI) source document. For example the interchange control number, group date, and transaction version.

Using Document Properties



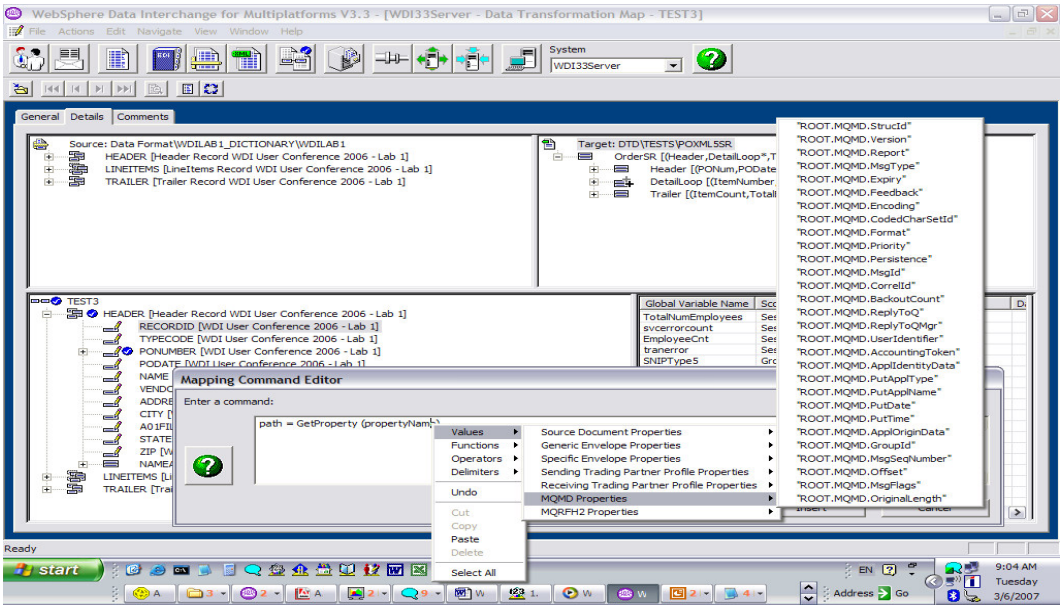
Specific envelope properties also include values that would be found in an EDI source document but use the segment name, element, and sub-element number to retrieve a specific value.

Using Document Properties



The Sending and Receiving trading partner profile names and the user fields from these profiles related to the source document are available. The user fields in the profiles can be useful to save information for example the codepage for the target document. You can get the property from the user field and use the SetProperty command to set the codepage for the target document.

Using Document Properties



The WebSphere MQ (WMQ) MQMD and MQRFH2 header information from the source document is also available.

Section

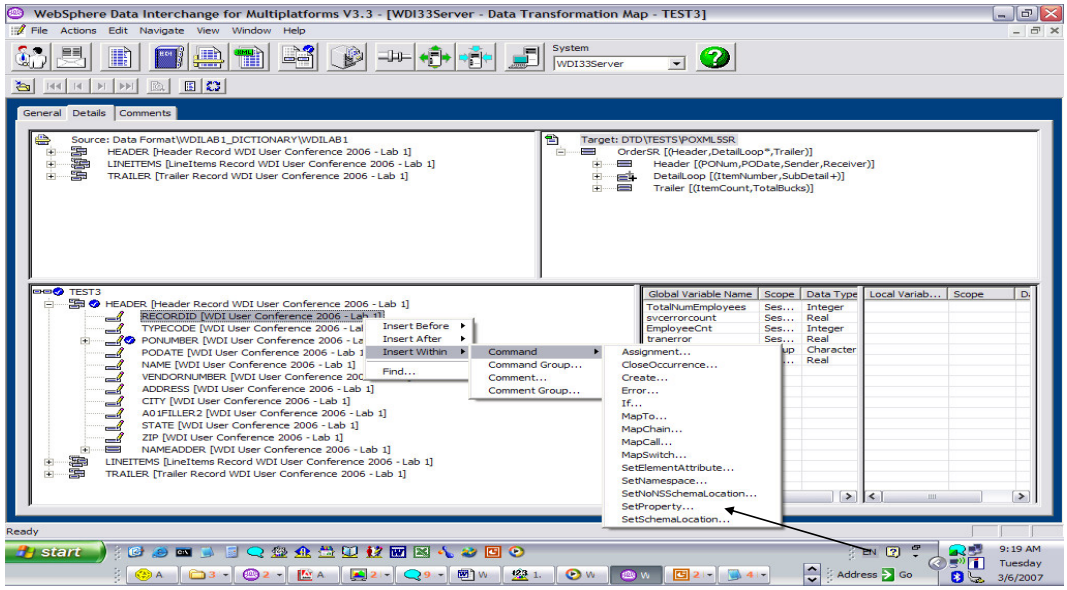
SetProperty Command

Using Document Properties

- SetProperty (propertyName, propertyValue)
- Used to set a special processing property of the target message
- propertyName is a predefined list.
- propertyValue can use functions to return the value for the property

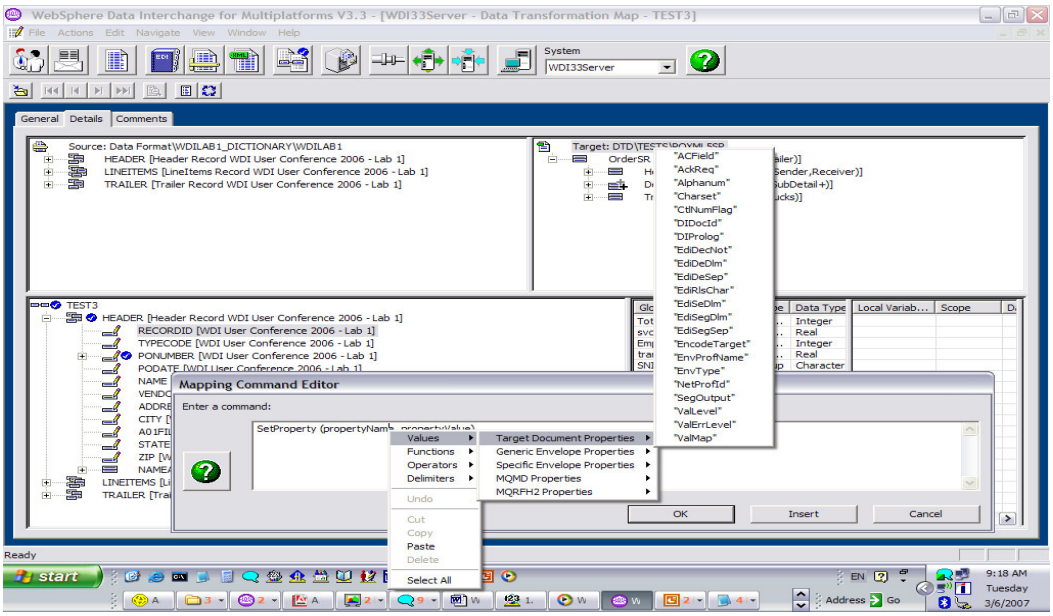
The SetProperty command can be used to set properties to control processing and override values for the target message. The propertyValue argument can use functions to set the value for the property.

Using Document Properties



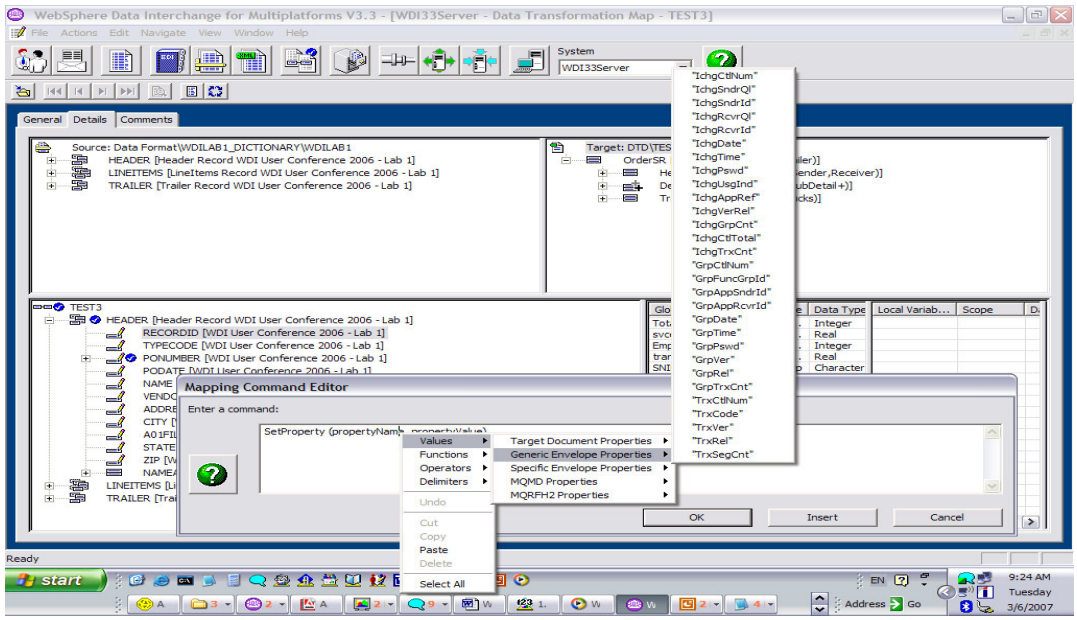
To select the SetProperty command, right click on an element in the mapping window, choose where to insert the command, select Command, and select SetProperty.

Using Document Properties



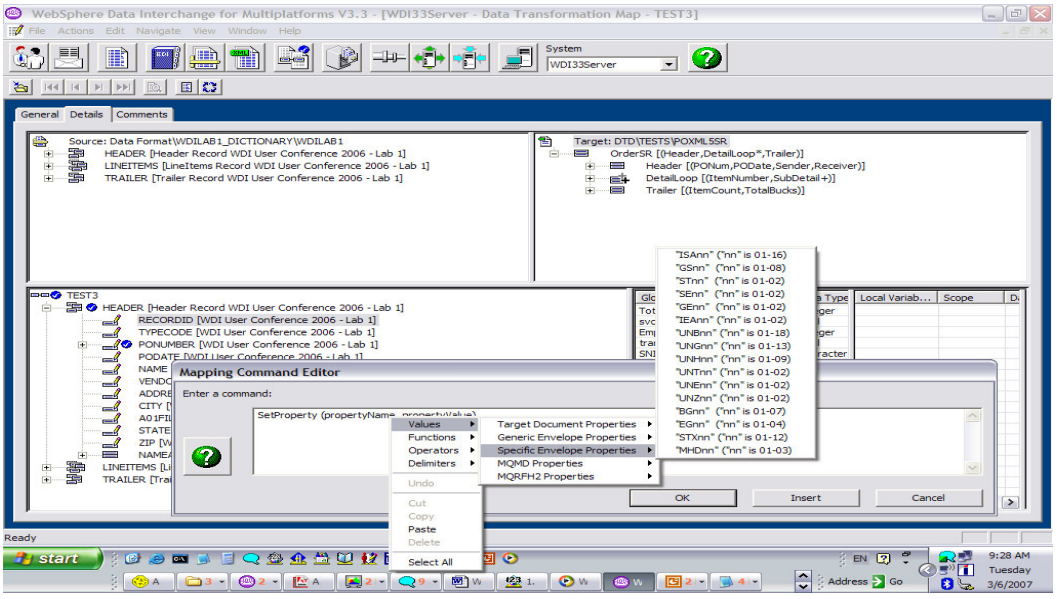
Target document properties include the application control field, EDI delimiters, and the code page for the target message.

Using Document Properties



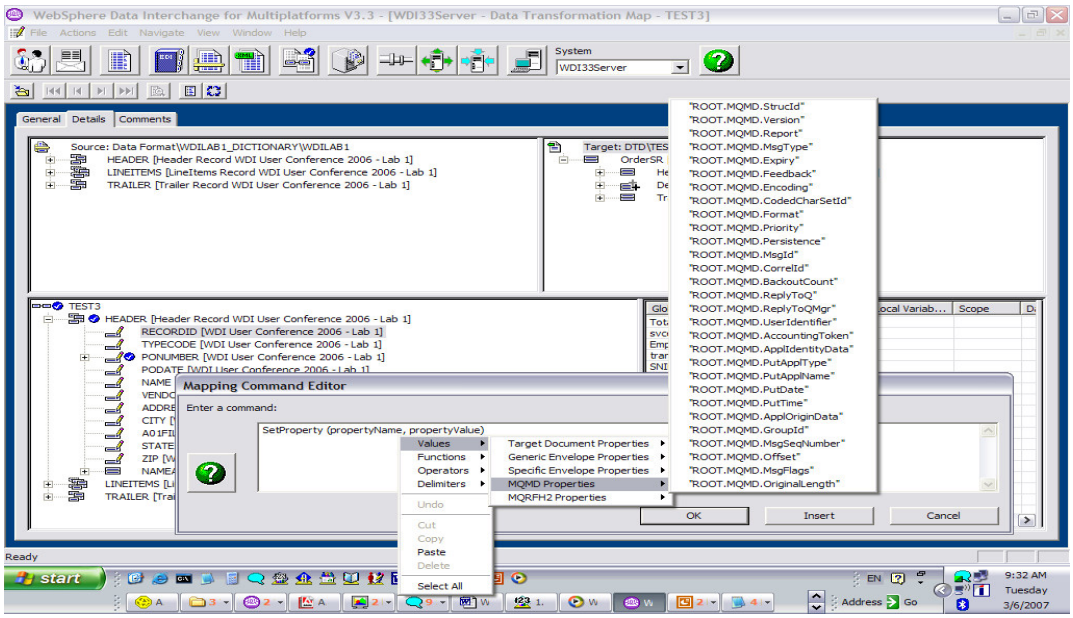
Generic envelope properties include values that would be found in an EDI target document for example the interchange sender and receiver id and qualifier, group version, and transaction control number. Not all properties listed can be used to override values. Properties that are available in the Envelope Profile can be used to override values.

Using Document Properties



Specific envelope properties also include values that would be found in an EDI target document but use the segment name, element, and sub-element number to set a specific value.

Using Document Properties



The WebSphere MQ (WMQ) MQMD and MQRFH2 header information for the target document is also available.

Using Document Properties

- Examples:
  - WDIThandle = GetProperty ("THandle")
  - If (StrCompN (GetProperty ("GrpAppSndrId"), "XYZ", 3) = 0)
  - SetProperty ("SegOutput", 'Y')
  - If (StrCompN (GetProperty ("UNB0101"), “UNOB", 4) = 0)
  - SetProperty (“EncodeTarget", GetProperty(“SenderTPUser1”))

Here are a few examples for using properties. The WDI Document Store THANDLE. An EDI group application sender id from an EDI source document. Segmented output for an EDI target document. The target codepage from the trading partner profile user field 1.

Reference

- More information can be found in the WDI V3.3 Mapping Guide.

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

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