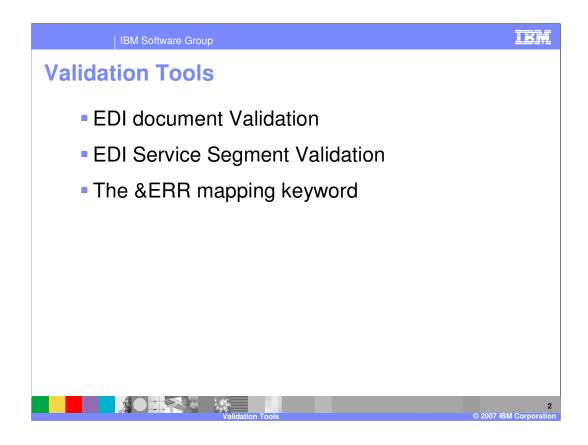
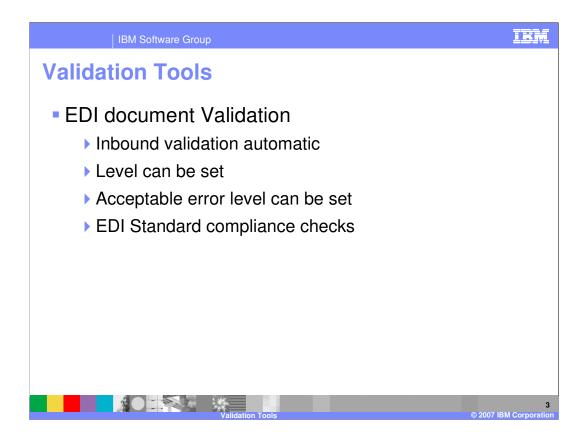


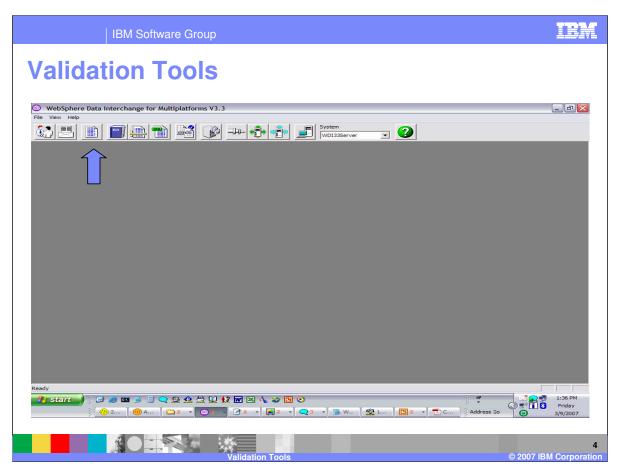
This presentation will review the validation tools that can be used in a Send or Receive map.



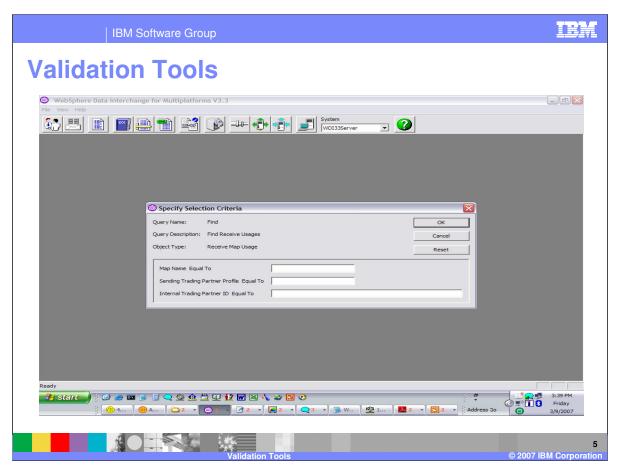
The presentation will review tools available for Electronic Data Interchange (EDI) standard document validation, and EDI service segment validation. The Error mapping keyword will also be reviewed.



WebSphere Data Interchange (WDI) will automatically validate inbound EDI documents that are to be translated for Receive mapping. The level of validation that will be performed is specified in the Receive Map Usage associated with the map. EDI Standard Transaction documents will be validated to ensure they comply with the corresponding EDI Standard.



You can view data transformation rules, send, and receive usages in the Rules and Usages functional area.



Selection criteria can be entered to view a specific set of rules or usages.

File Actions View		iplatforms V3.3 - WDI33S	erver (Rules and U	lsages) - Q	uery: I	Find		
		P	•	System WDI33Server		- 2		
		and Usages) - Query: Fi	nd					
	Data Transformation Map	Rules Send Map Usages Rece	ive Map Usages					
	Sending Trading Partner	Profile Receiving Trading Part	ner Profile Map Name	Transaction	Active	Usage Indicator	Application Sender ID or Receiver II	Applica A
	ANY	ANY	392_ED		Yes	Production	392_MSG_V1.5	Sender
	ANY ANY	ANY KNOWN	392_ED 392_ED		Yes	Production	392_MSG_V2.0 392_MSG_V1.5	Sender Sender
	ANY	KNOWN	392 ED	UTILMD	Yes	Production	392_MSG_V2.0	Sender
	KNOWN	ANY	392_XM	ACR392	Yes	Production		
	ANY ANY	ANY KNOWN	406_ED 406_ED	UTILMD	No	Test Production	406_MSG_V2.0 406_MSG_V2.0	Sender Sender
	ANY	ANY	414 ED	UTILMD	Yes	Test	414_MSG_V2.0	Sender
	ANY	KNOWN	414_ED	UTILMD	Yes	Production	414_MSG_V2.0	Sender
	ABB TPNAFSCL	ANY ANY	ABBXIO ACOMSGR		Yes	Production		
	TPNAFSCLS	ANY	ACQMSGR	ACQMSG	Yes	Production		
	VB/BCR/IATB/O VB/BCR/IATB/T	ANY	AERTDF	AERTDF	Yes	Production		
	AS1000	ANY	ASLIMC	LIMCLM	Yes	Test		
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There are 3 tabs to view Data transformation Rules, Send Usages, or Receive Usages. The Rules and Usages can be updated from this functional area.

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Validatio	on Too	ls			
WebSphere Data Intercl     File Actions View Window     E	Help	rms V3.3 - [WDI33Server (Mapping) - Quer			_ @ X
Global Variables Data Transformation Maps			Translation Tables	Code Lists	itrings
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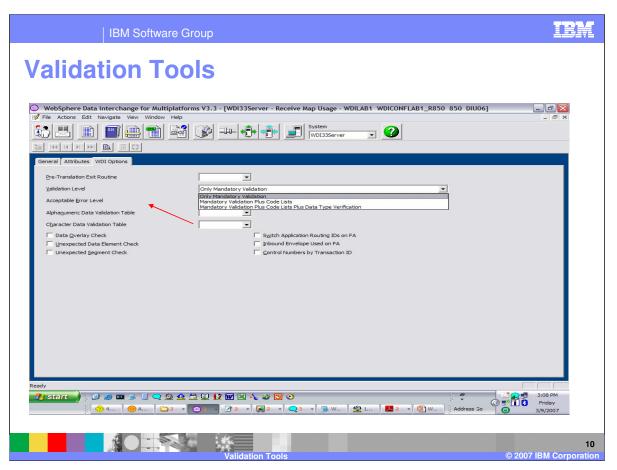
You can also go into the Mapping Functional Area, highlight the map and select the Rules and Usages button to see the Usages for a particular map.

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Map Name WDICONFLAB 1_R850	Transaction 850	Sending Trading Partner Profile WDILAB1	Receiving Trading Partner Profile DIU06	Active Usage Indicator Yes Test	Application Sender ID or Receiver ID	Application Sender o
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To update or view the Receive Usage, double click the Usage.

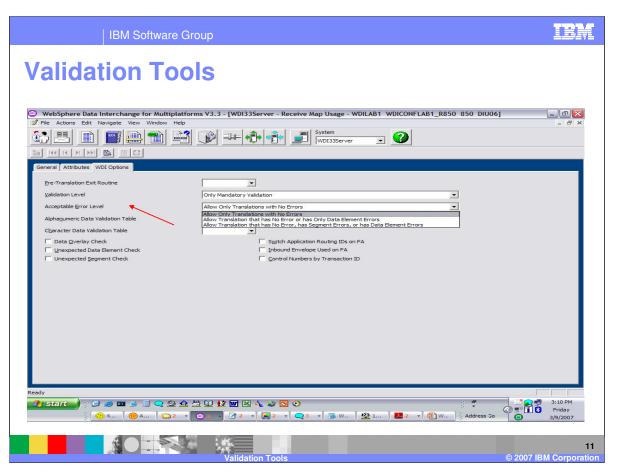
File Actions Edit Navigate View V	🖦 😒 📖 🛶 🚑 💻 Syster	n 133server 🔽
Ineral Attributes WDI Options Map Name Sending Trading Partner Internal Trading Partner Trading Partner Profile Beceiving Trading Partner Trading Partner Profile Application Routing Sender ID Receiver ID Receiver ID Receiver ID Receiver ID Receiver ID Receiver JO Receiver J	WDICONFLABI_R850	Iransaction     850       Usage Indicator     Test       Production     Information       Envelope Profile     Image: Adjourned optimized and the second
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The fields related to the level of validation that will be performed are located on the WDI Options tab.

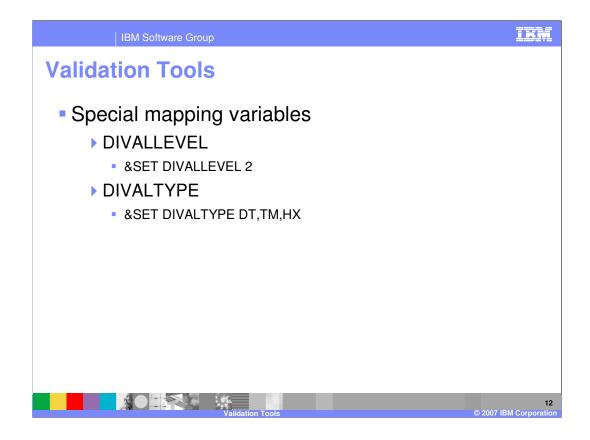


You can select the Validation Level. Mandatory Validation will perform the basic EDI Standard Syntax checking. Mandatory plus Code List will perform the basic EDI Syntax checking and validate the values in the EDI message against elements in the EDI document definition that contain a code list. Mandatory plus Code List plus data type verification will additionally validate the values in the EDI message against the data type defined in the EDI document definition.

For example, elements with data type Alphanumeric will be checked to ensure all the characters in the value are in the ALPHANUM code list. This code list is the default code list used for Alphanumeric data type checking. You can also create your own Alphanumeric and Character code list and specify them here for this particular Rule or in the Application Defaults profile for your WDI system.



You can select the Acceptable Error Level. You can Allow Translations with no errors, with data element level errors, or with segment or data element errors. For example, a missing mandatory segment will allow the translation to complete with an acceptable error level that allows segment level errors. A message will be issued as a warning.



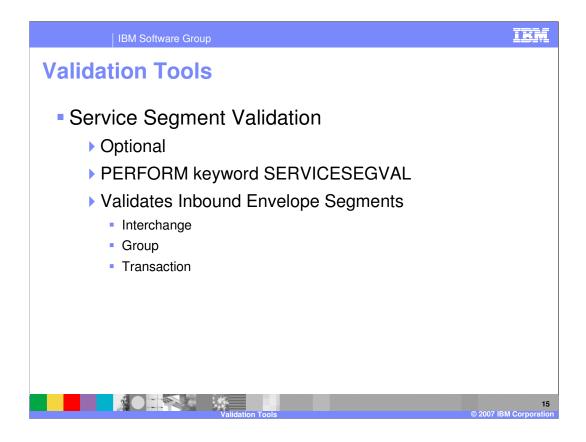
There are also Special mapping variables that can be used the to set the Validation Level and Validation Type. DIVALLEVEL may have the values 0 for no validation, 1 for code list validation, and 2 for code list validation plus data type checking. DIVALTYPE can be used to control the data types for which data type checking is done with validation level of 2. The types that may be specified are DT, TM, N, R, CH, AN, A, and HX. They must be specified in uppercase and separated by a comma. These variables can be set using the &SET command.

File Actions Edit Navigate View		ystem WDI33Server	- 8
Map Name         Sending Trading Partner         Internal Trading Partner ID         Trading Partner Profile         Beceiving Trading Partner         Trading Partner Profile         Application Routing         Sender ID         Receiver ID         Release         Version         Responsible Agency Code	WDICONFLABI_R850	Iransaction     Image: Indicator       Image: Indicator     Image: Indicator       Image: Information     Image: Information       Image: Information     Image: Im	
lγ <mark>; start )</mark> { @ @ œ ₅ [ ; <mark>⊙</mark> 4 ] @ 4.		W 122 1 12 - 10 W Address 50	3:22 PM Friday 3/9/2007

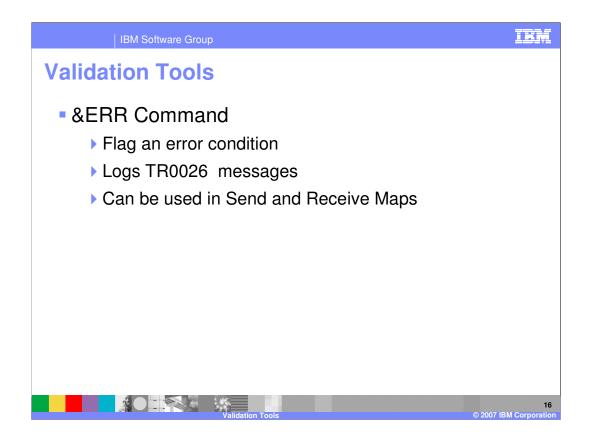
You can specify a Functional Acknowledgment Map along with an Envelope profile to be used when enveloping the functional acknowledgment. With this selection, WDI will automatically generate the Functional Acknowledgment during the EDI Source document processing.

File Actions Edit Navigate View Window		_ # - #
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General Exit Routines Envelope Attributes V		
Map Name	WDICONFLAB1_S850	
Data Eormat Name	WDILAB1	
Internal Trading Partner ID	DIU06	
Trading Partner Profile	DIU06	
Sending Trading Partner		
Trading Partner Profile	ANY	
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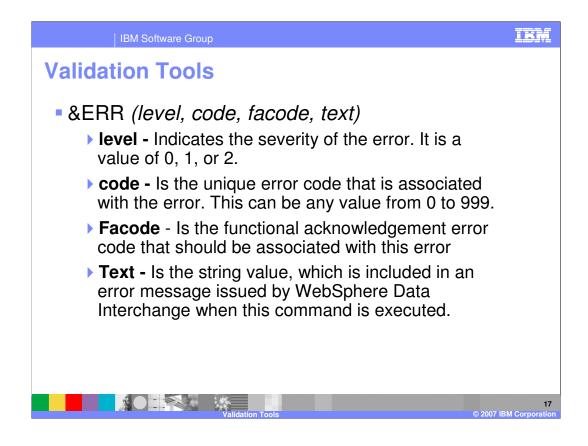
Under the Send Usage you can select if an Acknowledgment is expected for EDI Target or outbound messages. When your trading partner sends you the functional acknowledgment this flag will be used to reconcile the acknowledgment with the original EDI outbound message. The WDI Document Store must be active the reconciliation.



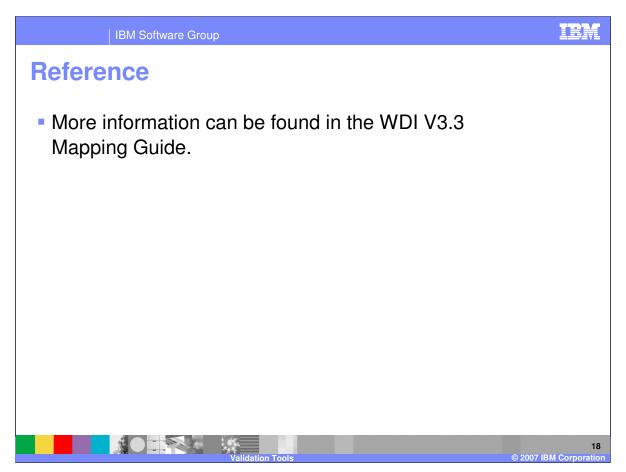
Service Segment validation is optional. This level of validation is for the inbound or source EDI Envelope Segments. To request this level of validation the PERFORM command keyword SERVICESEGVAL must be specified. A value of 1 indicates mandatory and minimum maximum length checking for the Envelope elements. A value of 2 indicates the value should also be validated using a code list.



Use the &ERR command to issue an error condition. This command enables you to establish your own errors for a translation. Typically, the error is issued from within an If conditional block. This command generates TR0026 messages. It can be used in a both a Send and Receive map to issue an error. In a Receive map parameters may be used to identify an error in a functional acknowledgment message.



This is the syntax of the Error Command. Level indicates the severity of the error. It is a value of 0, 1, or 2. If *level* exceeds the acceptable error level specified in the <u>Send Map Usage</u> or <u>Receive Map Usage</u>, then the translation will not be successful and the application data will not be returned. **Code** is the unique error code that is associated with the error. This can be any value from 0 to 999. The value of *code* plus 5000 will also be added to the list of errors for the Transaction. **Facode** is the functional acknowledgement error code that should be associated with this error. **Text** is the string value, which is included in an error message issued by WebSphere Data Interchange when this command is executed.



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

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				Template Revision: 04/25/2006 11:09 AM			
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