TIBCO Foresight® EDISIM®

Validator User's Guide

Version 6.20.0

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Contents

1 Introducing TIBCO Foresight® EDISIM® Validator

Intended audience

This document is written for business analysts and technical staff members who need to check the validity of data against a standard or guideline.

Capabilities

EDISIM® Validator checks the validity of data against Foresight-supplied standards and guidelines you have imported or created in Standards Editor. You can optionally correct the data.

Please see **FileFormatsAtForesight.pdf** for a list of formats that it can process.

2 Basics

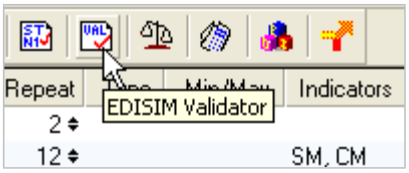
Starting EDISIM Validator

You can start Validator using either of these methods:

Select **Start | Programs | <TIBCO_HOME> | EDISIM | Validator**.

Go to EDISIM's Bin folder and double-click on FSValidator.exe.

From EDISIM programs other than Standards Editor, use the toolbar button:



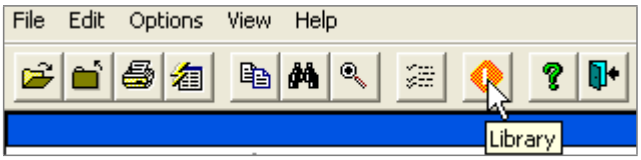
From the EDISIM program Standards Editor, use the toolbar button:

Tutorial

See **FlatFilesAtForesight.pdf** for a tutorial.

Toolbar

Rest your cursor over a toolbar button to see a tooltip.



Sizing a pane

To size the panes, drag the splitter bar between the top and bottom panes.

To "zoom" or fill the entire window with the active pane, do one of these:

- Press **F7**.
- Double-click on its header bar.
- Use the toolbar magnifying glass button.
- Choose **View | Zoom**.

These all toggle: to display both panes, repeat your action.

3 Validating data

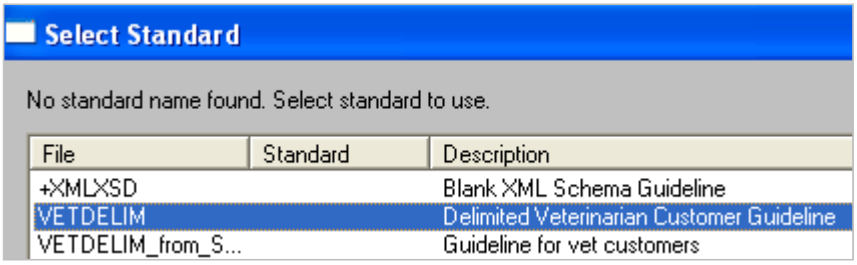
Selecting a data file to validate

Open a data file for validation in any of these ways:

- Select **File | Open**.
- Use Validator's first toolbar button.
- Use *Ctrl*-o.
- Drag a data file from an Explorer folder and drop it into either Validator pane
- Select from recently opened files at the bottom of the File menu.

Selecting a guideline

After selecting a data file, choose the guideline to use for compliance checking and click OK.



Each time you start a validation, Validator reloads the guideline or standard. If you change the guideline, there is no need to exit and re-open Validator.

Running the validation

After selecting your data file and guideline, Validator checks the file. To speed up processing by 20-30%, click on any segment or diagnostic to stop the scrolling.

When it finishes, click **OK** to dismiss the Analysis Completed box.

Navigating through the results

The top pane displays diagnostics, and the bottom shows each line in your data file.

The panes are synchronized so that:

- Clicking on a diagnostic in the top pane highlights its corresponding data in the bottom.
- Clicking on a line in the bottom pane highlights any related diagnostic in the top.

Seeing the guideline with Library Link

Library Link opens a guideline viewer and takes you directly to the segment that you are highlighting in the bottom pane.

To use Library Link:

1. With a validation completed in Validator, click on a line in the bottom pane.
2. Choose **Options | Library Link**.

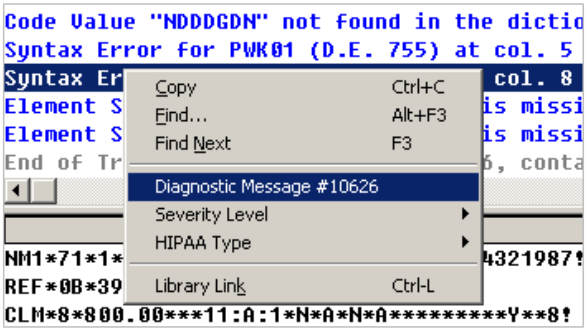
   This opens Library and takes you to the current location in the last guideline used for validation.

   When validating nested data (such as. XML within EDI), Library opens the outer (EDI) guideline.
3. When finished reading about the item, return to Validator by clicking on it at the bottom of your screen.
4. Click on another segment in the bottom pane.
5. Now that you have Library Link started, click on the  toolbar button to go to that segment in Library.

Diagnostic Messages

Finding the diagnostic message number, severity, and HIPAA type

To determine a message's diagnostic number, severity level, and HIPAA type, right-click on it in the top pane.



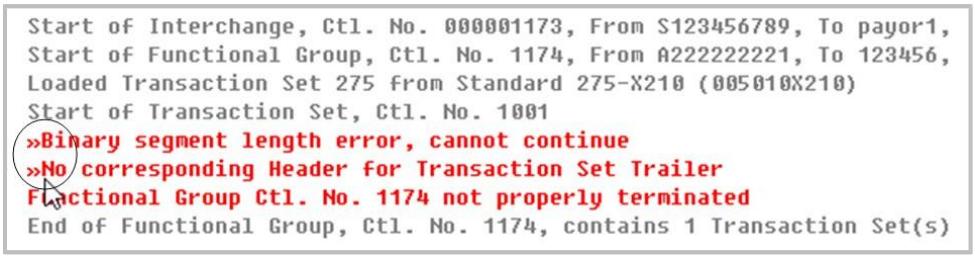
This example shows the pop up menu that appears. We can see this is diagnostic message #10626. To see the Severity Level or HIPAA Type, select the appropriate list item.

Categories of diagnostic messages are listed in Diagnostic messages on page 31.

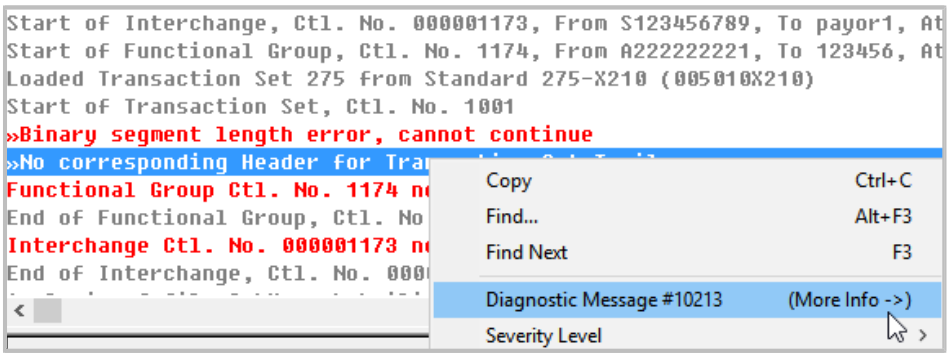
For information on filtering diagnostic messages, see Filtering diagnostic messages on page 22.

Diagnostic messages with enhanced information

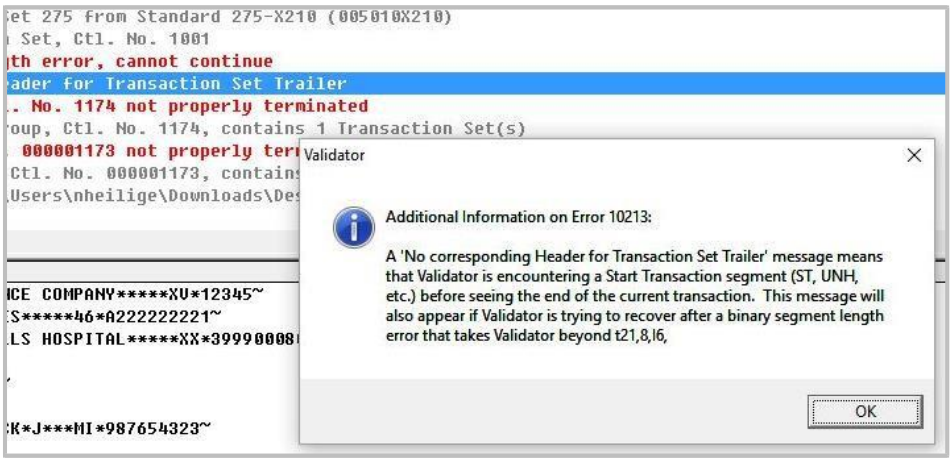
Diagnostic messages beginning with the symbol **>>** indicate they have been enhanced with more detailed information.



This text can be accessed by right-clicking on the message in Desktop's top pane and selecting **(More info ->)** from the drop down menu.



For example, clicking on **More info ->** for Diagnostic Message #10213 will result in a pop-up box with additional information about the error.



Click the OK button to dismiss the message.

Copying Individual results

After validation is complete, you can copy one selected line from the active pane to the clipboard with **Edit | Copy**, by clicking the Copy toolbar button , or by using your right mouse button.

You can then paste the copied line into an e-mail or other Windows program.

Printing

After validation, you can print your results to a printer or to a file.

Printing to a printer

To print validation results to a printer:

1. Choose **File | Print**.
2. Choose the Report Type:

Diagnostics only	Information displayed in Validator's top pane
Segments only	Information displayed in Validator's bottom pane (the data file)
Both (separately)	Contents of the diagnostics pane followed by the contents of the bottom pane
Both (interleaved)	Records and the corresponding diagnostics printed together

3. In the Segments area, choose one of these:

All segments	Every record, regardless of whether it had a diagnostic
Referenced segments	Only records that have a diagnostic

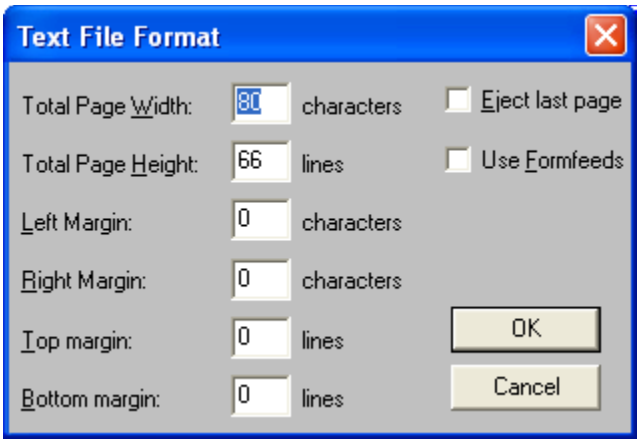
   The **Counts, Depth, and Position** check box is only active when you are printing to a file.

4. Click **OK** to display your printer dialog box.

Printing to a file

You can create a plain text report by printing to a file:

1. Choose **File | Print to File**.
2. Choose the Report Type (see Printing to a printer above).
3. You can also select Counts, Depth and Position (see page 10).
4. Click **OK** to see the Text File Format box.



Here you can set the page width and height and the margins.

Eject last page inserts line feeds, which fill up a page. **Use Formfeeds** inserts a formfeed command at the end of the file.

5. Click **OK** to see a file save box where you can name and save the report file:

Counts, Depth and Position

This option gives the report these additional columns:

- **Prev**
- **Dp**
- **Occur**
- **Loc**
- **Rcd**

In the report, these are located on the left:

```
Prev Dp  Occur     Loc     Rcd  1...5...10...15...20..
       1      1                   1: HEAD*01*20070110*1412!
                                Msg: Start of Interchange,
       1      1   0-010           2: NAME*RITA*O'NEILL!
                               Msg: Loaded Transaction Set
                                    LIM (Date=2007/01/11 1
                               Msg: Start of Transaction S
       1      1   0-030           6: PETS*JENNY*PARAKEET*BL
                               Msg: Code Value "PARAKEET"
```

Prev

The **Prev** (or Previous) column in the Counts, Depth, and Position report shows:

- The line number of the previous iteration of the loop.
- The line number of the first record of the enclosing loop if there is no previous iteration of the loop.
- The record number of the first record in the document if there is no enclosing loop.

Dp

The **Dp** column in the Counts, Depth, and Position report gives the depth of the record or loop. All records not in a loop are at depth 1. A record in a loop is at depth 2. A record in a loop that is within a loop has a depth of 3.

Occur

The **Occur** column in the Counts, Depth, and Position report shows how many instances of each record and loop has occurred so far.

Loc

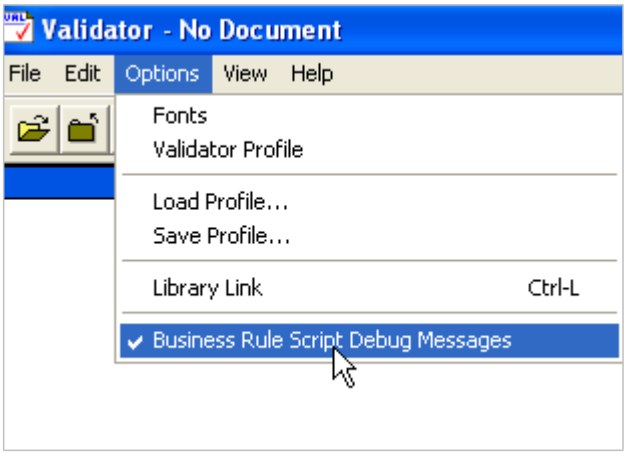
The **Loc** column in the Counts, Depth, and Position report shows the record's position number in the guideline.

Rcd

The **Rcd** column in the Counts, Depth, and Position report shows the record number in the data file.

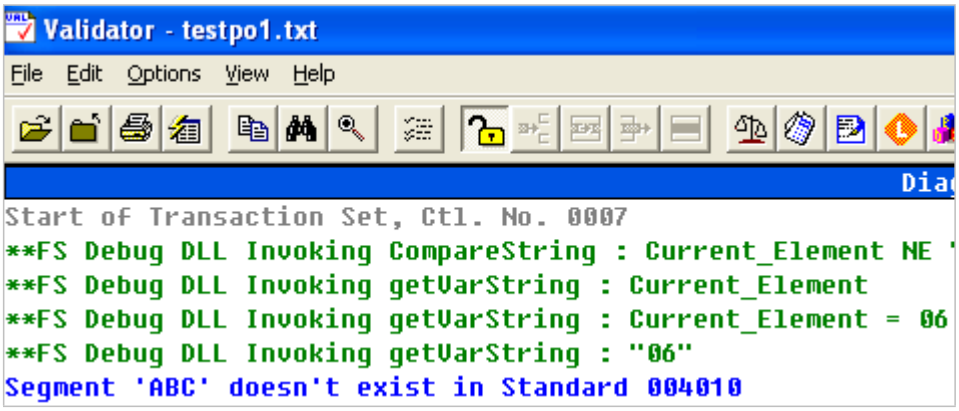
Debug

To request debug messages, turn on debug before validating:

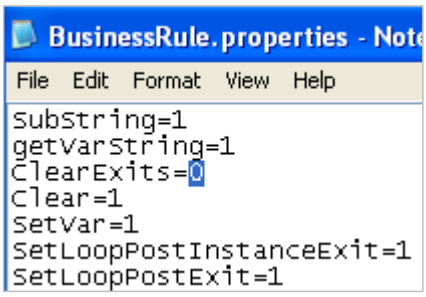


This menu choice is a toggle. Your current setting will stick until you change it.

The green debug messages show the steps Validator takes to enforce your business rules:



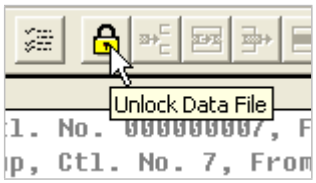
To prevent some business rules from displaying debug messages, use a text editor to edit BusinessRules.properties in EDISIM's Bin directory. Set rules to 0 if you don't want them to show debug messages:



Correcting validated data

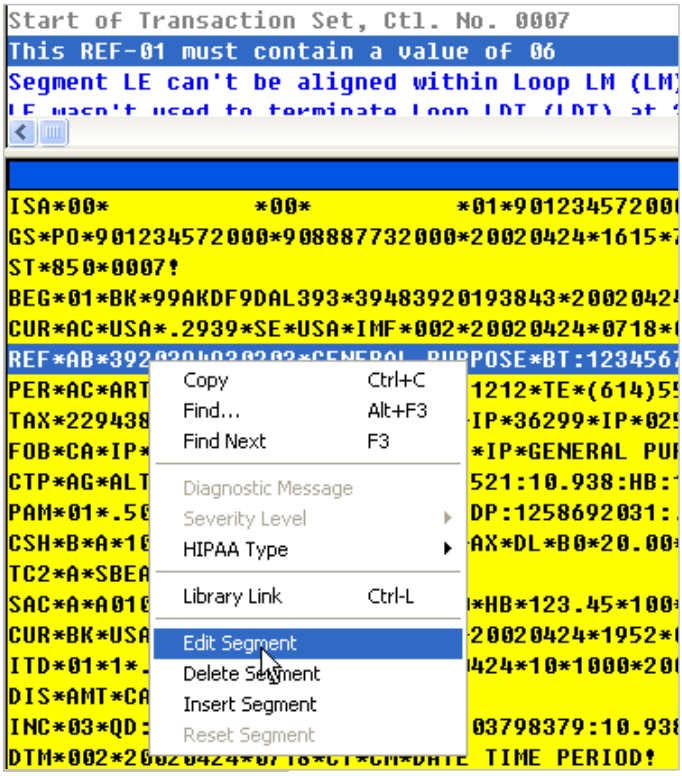
To correct data that has been validated:

1. Unlock the file:



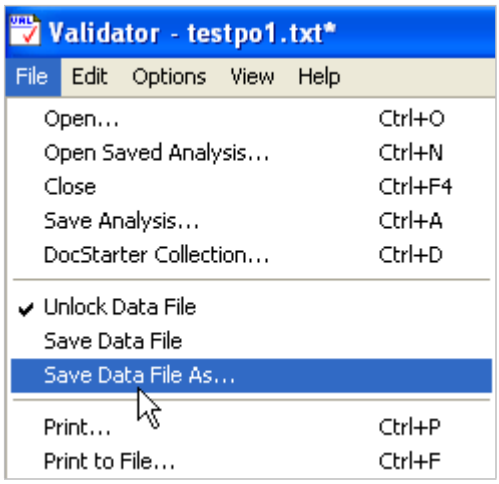
The bottom pane turns yellow and the bottom pane's title bar shows **Segments - UNLOCKED!** to show that you are in edit mode.

2. Right-click on a segment that you want to change and select Edit Segment, Delete Segment, or Insert Segment:



Edit Segment	Make the change in the edit box and click OK. The edited segment is blue.
Delete Segment	The segment is preceded with (Deleted). The deleted segment is red.
Insert Segment	A new line appears. Right-click on it and choose Edit Segment. Type the segment and click OK. The inserted segment is green.

3. Choose **File | Save Data File** or **File | Save Data File As** and choose the filename and location for the saved file:



4. Choose **File | Open** and revalidate the new file.

5. When finished making changes, lock the bottom pane to prevent accidental editing:

4 Customizing your validation

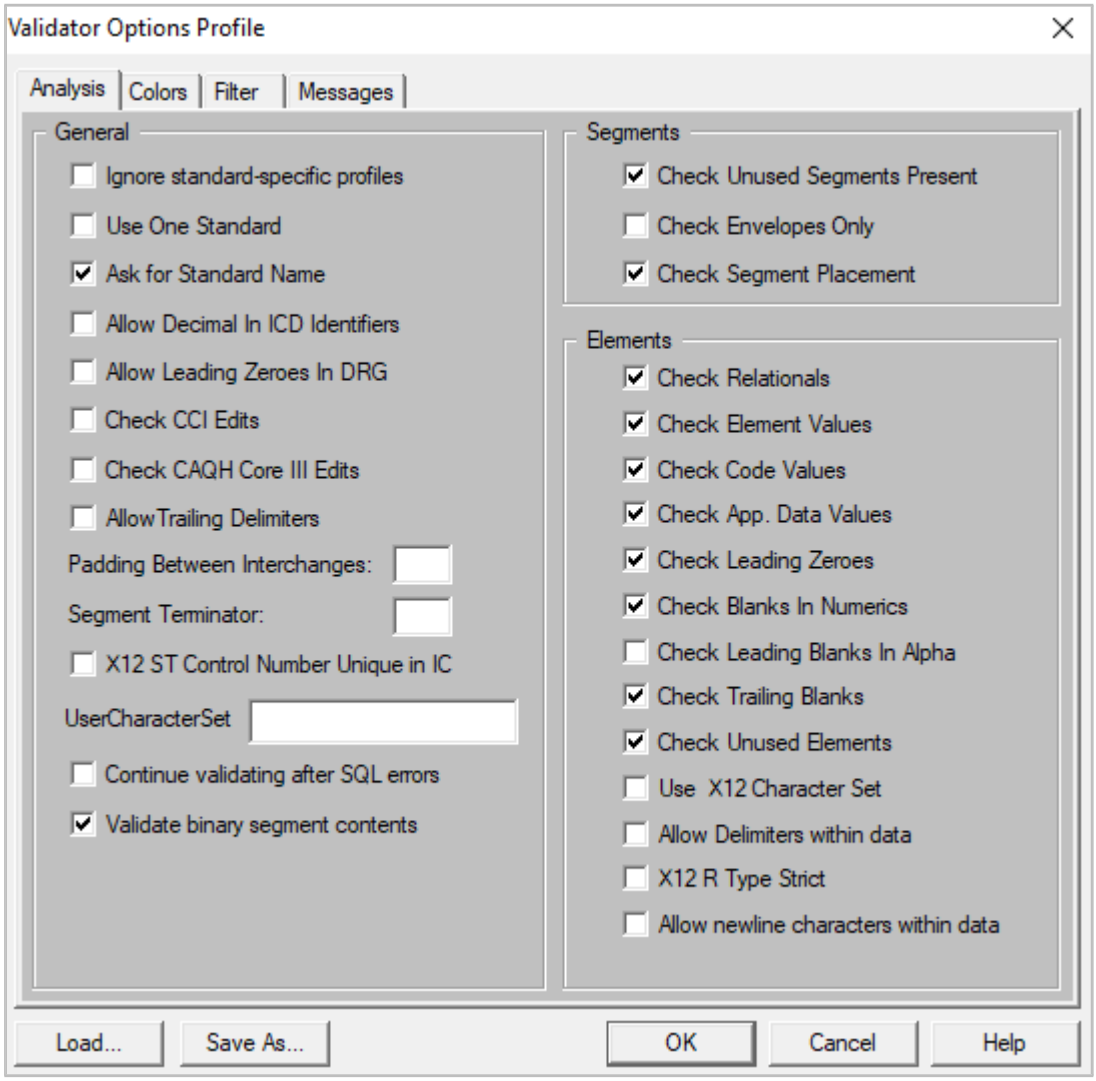
Options overview

The Options menu lets you customize the way your files are validated.

Customization	Use …	See…
Select which conditions to check	**Options	Validator Profile	Analysis** tab	General options on page 16.
Suppress the display of certain diagnostics	**Options	Validator Profile	Filter** tab	Filtering diagnostic messages on page 22.
Change diagnostic colors	**Options	Validator Profile	Colors** tab	Diagnostic colors on page 22.
Change diagnostic type or severity	**Options	Validator Profile	Messages** tab or right-click on the message in the top pane	Changing Individual diagnostic messages on page 22.
Save and reuse settings	**Save Profile** and **Load Profile**	Saving a profile on page 23 or Loading a saved profile on page 24.
Set up an automatic profile	**Save Profile**	Loading a saved profile on page 24 or Standard-specific profiles on page 25.

General options

To modify how Validator processes your data file, use the **Options | Validator Profile** menu or the Options button on your toolbar:



The Analysis tab has general options, segment-related options, and element-related options:

General Options

Ignore standard specific profiles

You can set up profiles that automatically activate when you use specific standards or guidelines (see Standard-specific profiles on page 25).

- If selected, standard-specific profiles are suppressed.
- If not selected, standard-specific profiles are used if they exist. This is the default.

Use One Standard

If the "Use One Standard" option is selected, the entire file will be analyzed against the first standard, guideline, or MIG selected. Otherwise, a new standard, guideline, or MIG can be used whenever a new functional group is encountered. Default: off.

Ask for Standard Name

This option controls whether EDISIM Validator will ask you to choose a standard each time a new functional group is encountered. If this option is selected, you will be asked each time; otherwise, you will be asked only if there is an ambiguity about which standard, guideline, or MIG to use. However, if you select "Use for all occurrences of ____" when you select a standard, guideline, or MIG, you will not be asked again until Validator finishes with the file. Default: on.

Allow Decimal In ICD9

If selected, you want to allow decimals in the HIPAA ICD9code table. For guidance on HIPAA requirements for the ICD9, see www.cms.gov.

This setting usually only applies with HIPAA guidelines that use certain business rules.

Allow Leading Zeroes In DRG

If selected, you want to allow leading zeros in the HIPAA DRG code table. For guidance on HIPAA requirements for the DRG, see www.cms.gov.

This setting usually only applies with HIPAA guidelines that use certain business rules.

Check CCI Edits

If selected, Correct Coding Initiatives (CCI) rules will be enforced. This will slow down validation. Guidelines that enforce CCI are marked in **ForesightHIPAAguidelinelist.pdf**.

Check CAQH Core III Edits

If selected the Phase III CORE 360 Uniform Use of Claim Adjustment Reason Codes and Remittance Advice Remark Codes (835) Rule is enforced. If you are validating with a guideline that incorporates the Phase III CORE Rule, select this parameter.

Allow Trailing Delimiter

If selected, trailing delimiters are permitted at:

- the end of a segment
- the end of a composite
- the end of a flat file record

This is primarily for flat files since EDI does not allow trailing delimiters.

Padding between Interchanges

Sometimes a translator places padding characters (blanks, etc.) after the IEA or UNZ to fill it out to a certain length. If so, type it here. This can be a keyboard character or hex. If you use hex, type a lowercase x before the value as in `x0D`. Default: empty.

Segment Terminator

If Validator is having trouble detecting the end of record, type the terminator here. If it is a keyboard character, type the character. If it is a hex value, type the value preceded by a lower-case x. Example: `x0D`

X12 ST Control Number Unique in Interchange Checkbox

A Transaction Set Control (ST) number must be unique within a transaction (ISA-IEA structure), as well as within a functional group (the GS-GE structure). If your transaction contains multiple functional groups, you must specify that the ST number will be unique within the interchange rather than just the functional group.

Unchecked (default)	The Transaction Set Control number is unique within the functional group.
Checked	The Transaction Set Control number is unique within the interchange.

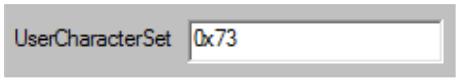
UserCharacterSet

This setting allows you to add or remove characters from the default character set for a transaction. By default, this parameter is blank. It is ignored by Validator unless it is populated.

NOTE: Hex character conversion charts are readily available on the Internet.

Example 1:

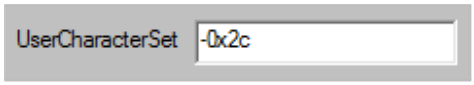
"COMPANY's NAME" appears in the data. Validator produces an error because lowercase "s" is not allowed in the transaction per the default character set. You want to allow lowercase "s."



This tells Validator to allow hex character 0x73, which is equal to lowercase "s."

Example 2:

"COMPANY NAME, INC" appears in the data. Validator does not produce an error because the character "," is allowed in the transaction per the default character set. You do not want "," to be allowed.



This tells Validator to disallow hex character 0x2c, which is equal to ",".

Continue validating after SQL errors

Communication issues between DBExecute and DBQuery business rules and the SQL database may cause validation to stop or fail.

If selected, validation continues if a communication issue is encountered.

Validate binary segment contents

If selected, Validator stops when it encounters a binary segment (BIN or BDS) and requests a guideline to use to validate the contents of the binary segment. This is ypically used when HL7 or XML data is put into a binary segment embedded within an X12 document. If this option is not selected, binary data is only checked for proper length; no guideline is requested.

Segment-related options

Check Unused Segments Present

If selected, Validator warns if a record is present in the data but the guideline says it is unused.

Check Envelopes Only

If selected, Validator only checks interchange enveloping, group enveloping, and transaction set or message headers and trailers. For each guideline or MIG, Standards Editor's Properties dialog box specifies where the enveloping definitions reside.

Check Segment Placement

If selected, Validator checks each segment as defined at a particular location within a transaction set or message. Otherwise, Validator can only check segments against the generic dictionary definitions.

Element-related options

Check Relationals

If selected, Validator will check for element relationals such as "If you use this element, you must also use element xxx." X12 users call these syntax rules, and EDIFACT users call them dependency notes. User-defined business rules ("If you use code XXX in the BEG02, then you must use this N1 loop") are always checked, regardless of this option's setting.

Check Element Values

If selected, Validator checks values to be sure they are the correct type and length.

Check Code Values

If selected, Validator checks the data's code values to be sure they are on the list of allowed values.

Check App. Data Values

If selected, Validator enforces application values, if they are used in the guideline. Application values are case sensitive.

Check Leading Zeroes

If selected, Validator flags leading zeros in numeric fields.

Check Blanks in Numerics

If selected, Validator flags leading blanks in real or numeric fields.

Check Leading Blanks in Alpha

If selected, Validator flags leading blanks in alphanumeric fields.

Check Trailing Blanks

If selected, Validator flags trailing blanks in alphanumeric fields.

Check Unused Elements

If selected, Validator issues diagnostics when data is present for fields that the guideline says are unused.

Use X12 Character Set

Specifies which character sets should be allowed in X12 alphanumeric elements:

Unchecked (default)	Allows characters defined in the X12 basic and extended character sets. Please see http://www.wpc-edi.com/content/view/609/1/ .

Checked	Restricts the character set to those defined in the HIPAA implementation guides. This includes:
	`A-Z`
	`a-z`
	`0-9`
	`! \"& '()*+,-./:;?=%~@[]_{}|<>#$"` and spaces
	
	Not allowed: `^` and `` ` ``

Allow Delimiters within data

This setting applies only to HL7 data. If selected, validation will not present errors when delimiters are present in data fields.

X12 R Type Strict

This setting determines if insignificant leading and trailing zeroes should be allowed in X12 data.

Unchecked (default)	Allows insignificant leading and trailing zeroes.
Checked	Enforces "strict" processing – does not allow insignificant leading and trailing zeroes. **Note**: When this setting is checked, zeroes used to pad to a field's minimum length requirement are considered significant and are allowed. Examples: .01 contains a significant (meaningful) zero. Allowed with X12RTypeStrict unchecked or checked. .0100 contains two insignificant trailing zeroes. Allowed with X12RTypeStrict unchecked. Not allowed with X12RTypeStrict checked. 0.010 contains both an insignificant leading and trailing zero. Allowed with X12RTypeStrict unchecked. Not allowed with X12RTypeStrict checked.

Allow newline characters within data

This setting specifies handling of linefeeds or carriage return-linefeeds within data elements.

Unchecked (default)	(Or if entry is omitted from the .apf file) ignores linefeeds or carriage return-linefeeds unless they are used as segment terminators.
Checked	Enables the following behavior: ▪ Recognizes linefeeds or carriage return-linefeeds within data elements and may report them as invalid characters (depending on the defined character set). ▪ Does not handle 'wrapped' data properly, because wrapped data is data with linefeeds or carriage return-linefeeds inserted every <*n*> characters. ▪ May flag linefeeds or carriage return-linefeeds with character set errors in binary data.

Diagnostic colors

Choose **Options | Validator Profile | Colors** to see or change the colors for each type of diagnostic.

Default Colors for Diagnostic Types		
Type	**Color**	**Meaning**
Ignore	Light gray	Messages you consider unimportant
Informational	Dark gray	Informative messages.
Warning	Olive	Minor errors, such as leading zeros in numerics or assumptions made due to ambiguity.
Error	Blue	Errors such as wrong codes, violation of rules, etc.
Fatal	Red	Error that stops the validation from continuing.
User #1	Dark green	For your use.
User #2	Light green	For your use.
Using the Colors Tab		
To do this …		**Do this …**
Change colors for a particular type		Click the color next to the type
Reset colors to the default		Click **Default Colors**
Set all colors to black		Click **No Colors**

Filtering diagnostic messages

Choose **Options | Validator Profile | Filter** to change which severities you'd like to display.

Uncheck severities that you no longer want to see. The default is to have all severities displayed.

Changing Individual diagnostic messages

Pop-up Menu

To determine a message's number, right-click on it in the top pane. In addition to seeing the message number, you can change its severity and type on this menu.

Messages Tab

To see a list of all diagnostic messages, choose **Options | Validator Profile | Messages**. You will see a list of all messages created by Foresight or by your own business rules.

You can change individual messages as follows.

To do this …	Do this …
Change the severity.	Click on the message. Use the **Severity** drop-down lists at the bottom left.
Load a previously saved profile.	Click **Load**. See Saving and loading a profile on page 23.
Save the current settings for loading later.	Click **Save As**. See Saving and loading a profile on page 23.

Saving and loading a profile

Saving a profile

Save a profile if you want to use it again after exiting Validator, or if you want to give it to other Validator users.

Note: You do not have to save a profile to use it for validation. When you click OK in the Validator Options Profile box, your selections will be used for all validations until you exit, change the options, or load a saved profile.

To save a profile:

1. Choose **Options | Validator Profile**.
2. Make your selections on the four tabs.
3. Choose **Save As** on any tab.
4. Navigate to the directory where you want to store it.
5. Type a filename. Use file type **.apf**.

Loading a saved profile

To load a saved profile and use it for validation:

1. Choose **Options | Validator Profile**.
2. Click the **Load** button.
3. Choose the directory and file containing the profile.
4. Validate.

It will be used for all validations until you load another profile or close Validator.

Default profiles

Loading the default profile

1. Choose **Options | Validator Profile | Load**.
2. Select **$fsdeflt.apf** in EDISIM's Bin directory.

Saving a default profile

1. Choose **Options | Validator Profile**.
2. Make your selections on the four tabs.
3. Click **Save As** from any tab.
4. Select the directory and filename.
5. Select **Save as the Default Profile** at the bottom.

The profile will be automatically loaded each time you open Validator.

Restoring $fsdeflt.apf as the default profile

If you have saved a default profile, it will automatically load each time you open Validator.

To stop this and return to using $fsdeflt.apf as the default profile:

1. Choose **Options | Validator Profile**.
2. Click **Load**.

3. Choose **$fsdeflt.apf** in EDISIM's Bin directory.
4. Click **Save As**.
5. Save it with **Save as the Default Profile** selected.

Standard-specific profiles

You can save a profile to be automatically used only with a specific guideline.

To do so:

1. Look in the first column of the Select Standard dialog box and note the guideline name that is to trigger the use of the profile.
2. Choose **Options | Validator Profile**.
3. Choose the profile setting that you want to use with the guideline or standard.
4. Choose **Save As**.
5. Go to Validator's **Bin** directory.
6. Save it to the same name as the standard or guideline, and use file type **.apf**. Use all capital letters in the filename.

To override this automatic profile during a particular validation, choose **Options | Validator Profile | Ignore standard-specific profiles**.

You can modify and re-save standard-specific profiles as with any other profile.

Saving a validation

To save a validation for later review:

1. Validate your data.
2. Choose **File | Save Analysis**.
3. Navigate to the directory where you want to save it.

   You may want to save validations in a distinct or temporary folder so you'll be able to easily locate them and delete them when they're no longer needed.
4. Name your file and use **SAF** for file type.

To load a saved validation:

1. Choose **File | Open Saved Analysis**.
2. Open the SAF file you previously saved.

5 Creating your own Guideline

Overview

In most cases, you create guidelines (also called MIGs in EDIFACT) using EDISIM's Standards Editor. However, you can also use EDI data and Validator to create a new guideline for X12, EDIFACT, and HL7 data. You can then use the guideline with any EDISIM® module, just as if you created it in Standards Editor.

Briefly, to create your own guideline,

1. Validate clean EDI data against an appropriate industry standard.

2. When you are satisfied with the results, save the validation to a Docstarter Collection file. (**File | Docstarter Collection**).

3. Use Standards Editor to fine-tune the new guideline, if desired.

See **Docstarter.pdf** in EDISM's Doc directory for more details.

6 Technical appendices

Data types

AN	Alphanumeric, a sequence of any printable characters. Significant characters should be left justified. Leading spaces, when they occur, are assumed to be significant. Trailing spaces should not be included unless needed to meet the minimum length.
DT	Date, in YYMMDD or CCYYMMDD format. CC is century.
ID	Code values taken from a predefined list.
N or **Nn**	Numeric data with implied decimal. The decimal is not included in the data file (this is what distinguishes it from R types). If included, n shows the number of digits to the right of the implied decimal. Leading zeros are suppressed unless needed to satisfy the minimum length of the field. If the value is negative, include a minus sign, which does not count toward the length. **N** and **N0** are equivalent (it is not necessary to include the zero). This means the implied decimal is at the end of the number. **N1** means there is one digit to the right of the implied decimal. Example: The field contains the value -123, which is to be interpreted as -12.3. **N2** means there are two digits to the right of the implied decimal. **Examples**: The field contains the value 1234567890 and the type is N9. This is to be interpreted as 1.234567890.

The field contains the value 12345 and the type is N9. This is to be interpreted as 0.000012345.

If the value to be represented is 100.25, and the type is N2, the transmitted data is 10025.

If the value is -100.25, and the type is N2, the transmitted data would be -10025.

If the value is to be interpreted as .01 and N2, the transmitted data is 1.

R or **Rn**

Decimal numeric data where the decimal is required in the transmitted data if the number contains a fraction, but is optional for integers.

Do not include the decimal for whole numbers and do not include leading zeros. Do not include commas in the number (use 1000 rather than 1,000).

The minus sign is included if it is negative. Do not include commas or plus signs. Leading zeros should be suppressed unless needed to satisfy the minimum length. Trailing zeros at the end should be omitted if the value includes a decimal point unless they show the level of precision. Signs and decimal points do not count toward length.

Examples:

The data is 150.25 and the type is R. The value being represented is also 150.25.

The data contains 150.23 but the type is R1. The value being represented would be 150.2.

TM

Time, in 24-hour clock time as follows: HHMM, HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99).

Diagnostic messages

Error Number	Purpose	Listed in …
10000 - 29000	Basic error messages.	FSAnErrs.txt and **Options | Validator Profile | Messages** tab.
32000-32999	Error messages generated by user-created business rules.	Filename of your choice. See **BusinessRules.pdf** in Validator's Doc directory. Also listed in **Options | Validator Profile | Messages** tab.

7 Index

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Z

TIBCO Documentation and Support Services

How to Access TIBCO Documentation

Documentation for TIBCO products is available on the TIBCO Product Documentation website, mainly in HTML and PDF formats.

The TIBCO Product Documentation website is updated frequently and is more current than any other documentation included with the product. To access the latest documentation, visit https://docs.tibco.com.

Product-Specific Documentation

Documentation for TIBCO® Foresight® EDISIM® is available on the TIBCO Foresight® EDISIM® Documentation page.

The following documents for this product can be found on the TIBCO Documentation site:

- *TIBCO Foresight® EDISIM® Release Notes*
- *TIBCO Foresight® EDISIM® Data Types*
- *TIBCO Foresight® EDISIM® Documentation and Demo Data Index*
- *TIBCO Foresight® EDISIM® Supported File Formats*
- *TIBCO Foresight® EDISIM® Installation Guide*
- *TIBCO Foresight® EDISIM® Introduction to EDISIM®*
- *TIBCO Foresight® EDISIM® DocStarter: Creating a Guideline from EDI Data*
- *TIBCO Foresight® EDISIM® Guideline Merge*
- *TIBCO Foresight® EDISIM® Document Builder User's Guide*
- *TIBCO Foresight® EDISIM® Error Message Numbers, Editing, and Management*
- *TIBCO Foresight® EDISIM® Validator User's Guide*
- *TIBCO Foresight® EDISIM® Using Flat Files*
- *TIBCO Foresight® EDISIM® Library User's Guide*
- *TIBCO Foresight® EDISIM® Validation Profile Files (APF)*
- *TIBCO Foresight® EDISIM® Using XML*
- *TIBCO Foresight® EDISIM® Comparator User's Guide*
- *TIBCO Foresight® EDISIM® Analyzer User's Guide*
- *TIBCO Foresight® EDISIM® Standards and Guidelines Reference Manual*
- *TIBCO Foresight® EDISIM® Test Data Generator User's Guide*
- *TIBCO Foresight® EDISIM® Self-Paced Tutorial: Introduction to EDISIM® (X12 Standards)*

- *TIBCO Foresight® EDISIM® Self-Paced Tutorial: Introduction to EDISIM® EDIFACT D99A Orders*
- *TIBCO Foresight® EDISIM® Standards Editor User's Guide*
- *TIBCO Foresight® EDISIM® Business Rules*

How to Contact TIBCO Support

You can contact TIBCO Support in the following ways:

- For an overview of TIBCO Support, visit http://www.tibco.com/services/support.
- For accessing the Support Knowledge Base and getting personalized content about products you are interested in, visit the TIBCO Support portal at https://support.tibco.com.
- For creating a Support case, you must have a valid maintenance or support contract with TIBCO. You also need a user name and password to log in to https://support.tibco.com. If you do not have a user name, you can request one by clicking Register on the website.

How to Join TIBCO Community

TIBCO Community is the official channel for TIBCO customers, partners, and employee subject matter experts to share and access their collective experience. TIBCO Community offers access to Q&A forums, product wikis, and best practices. It also offers access to extensions, adapters, solution accelerators, and tools that extend and enable customers to gain full value from TIBCO products. In addition, users can submit and vote on feature requests from within the TIBCO Ideas Portal. For a free registration, go to https://community.tibco.com

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