

Subforms (XML, EDI, JSON)

Alex Pearce - 2024-03-18 - Comments (0) - Lasetnet Form Editor 9 - Designing Forms

Lasetnet

You can also add subforms for such output formats as XML, EDI and JSON. The procedure is the same for all the mentioned output formats. In this exercise, you can learn how to add subforms to an output of the EDI format, and then edit it, as needed.

Exercise

Download and import the attached configuration called 38. Subforms (XML, EDI, JSON) in Lasetnet Developer 9. Afterward, go to the **Forms** section and open the Sample form.

Once the Sample form is open, start adding subforms to the EDI output format. To this end, follow the steps listed below:

1. On the Developer toolbar, click the down-pointed arrow next to the Subform tool.
2. On the menu that appears, click **Insert Global Subform...**



3. After you have chosen a subform type, the mouse cursor changes its view. Click the **EDI** node (the root one) in the output to insert the subform.
4. As a result, the Subform dialog appears. To add a global subform, click the **Add** button.
5. In the subform properties dialog that appears, define the subform name (UNB). Once you are done, click the **OK** button.



6. Once you are back to the Subform dialog appears, click the **Edit** button.

7. In the editor that appears, first switch to the Template tab, and then insert the UNB+UNOA:2+FPSOFTWARE+HUBERGMBH+990802:1557+9908021557' string as it is shown in the picture below.



8. Afterwards, switch to the XML tab, and then expand the **EDI** node.

9. Change properties for every value node by defining to use the default value for each of them if no rearrange data is provided. To this end, double-click a node in the output to edit its properties, and then select the **Use default value if no rearrange data is provided** check box in the dialog that appears. Once you are done, click **OK**.

Do it for every single value node available in the output. As a result, you can see that the value of each node is not dimmed anymore and is shown in black.



10. Once you are done, save the changes you have made by clicking the **Save** button and closing the editor.



11. Confirm inserting the global subform you have just added and edited by clicking the **OK** button in the Subform dialog. As a result, the subform is inserted into the output.



Repeat steps 1-11 to insert the following subforms by specifying the proposed string for them and editing the value node properties:

Global subform name	String
UNH	UNH+INVOIC0001+INVOIC:D:93A:UN'
BGM	BGM+380+9908001+9'
RFF	RFF+ON:00010001'
DTM	DTM+4:19999715:102'

As a result, your output looks as follows:



12. Add once again a global subform called **DTM**. Start by repeating steps 1-3, but on step 4, do not click the **Add** button. In the Subform dialog, select the **DTM** subform from the list on the left panel instead.

13. Click the **OK** button to confirm inserting the subform.

14. As a result, the DTM subform is added to the output.



15. Add a fixed text (3) to the first value node of the DTM subform you have just inserted. To this end, use the Text tool. Once New Insert Text is shown as a node value, press **F2**, type **3**, and then press **F2** once again. As a result, the fixed text is added to the output.



16. Add a rearrange to the second value node of the DTM subform, by dragging the former from the input to the latter in the output.



17. Change the order of the subforms in the output. To this end, right-click the last **DTM** subform, and in the context menu that appears, first click **Move Before**, and then click **RFF**. As a result, you can see the DTM subform is now placed before the RFF subform.



Repeat steps 1-11 to insert the following subforms by specifying the proposed string for them and editing the value node properties:

Global subform name	String
NAD	NAD+SE+Formpipe Software+Lautrupvang 1+Ballerup+2750'
block	LIN+1+4711.001' IMD+F+:::Description' QTY+47:1:PCE' MOA+66:750' PRI+AAA:750'
UNS	UNS+S'
UNT	UNT+14+INVOIC0001'
UNZ	UNZ+1+9908021557'

As a result, your output looks as follows:



Repeat steps 12-14 to insert the NAD subform once again into the output. Once you are done, repeat step 15 to add a fixed text (BY) to the first value node of the NAD subform you have just inserted, and then repeat step 16 to add rearranges to the rest of nodes of the

NAD subform by dragging the former from the input to the latter in the output (for rearranges, see the picture below). Afterward, repeat step 17 to change the order of the subforms in the output and move the NAD subform before the block node as shown in the picture below:



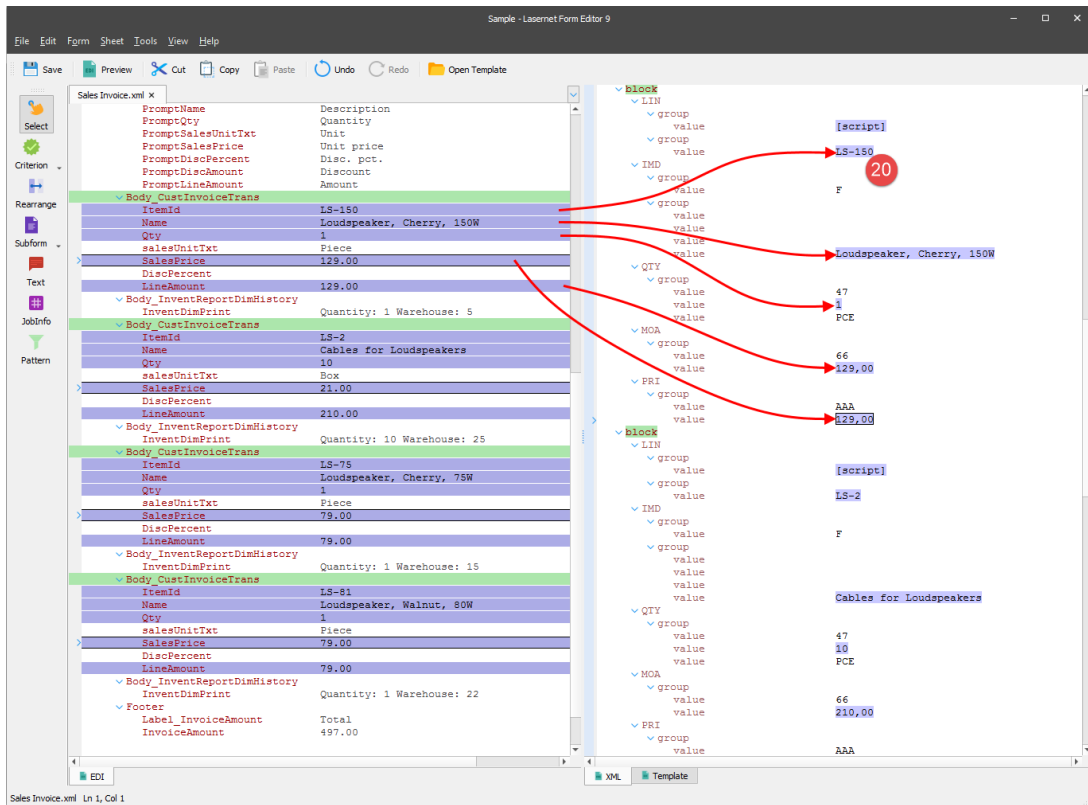
Continue with adding a pattern, rearranges and a script to the block subform. To this end, follow the steps listed below.

18. Drag the pattern added to the **<Body_CustInvoiceTrans>** element in the input to the block node in the output.

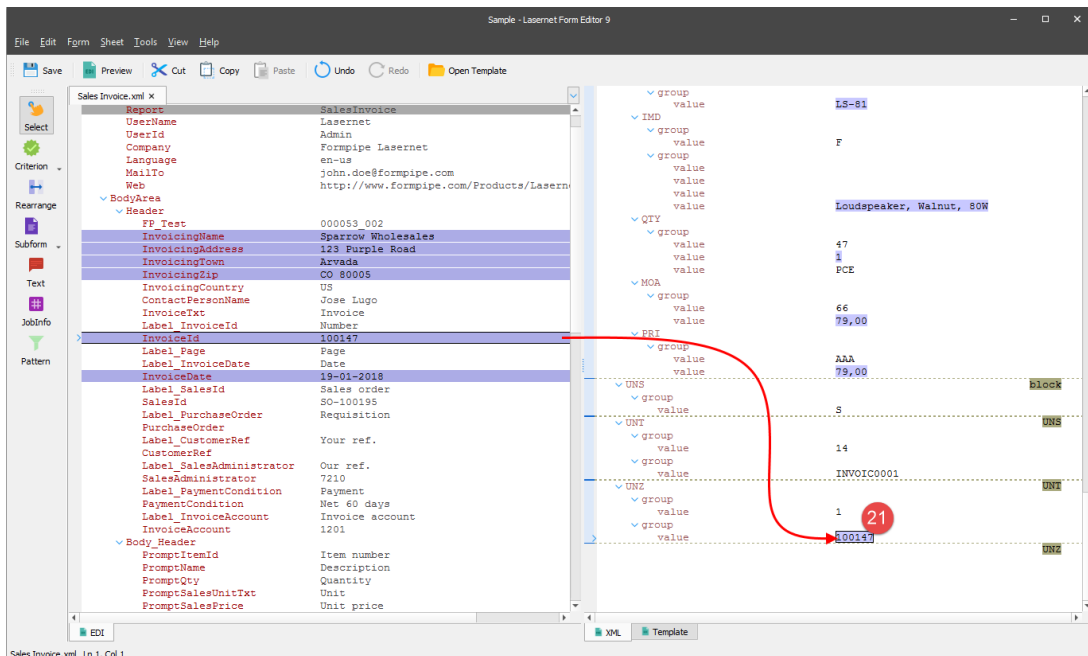
The screenshot shows the Labeled Form Editor interface. On the left, the 'Sales Invoice.xml' input structure is displayed with various elements like 'Web', 'Header', 'InvoicingName', 'InvoicingAddress', etc. On the right, the output structure is shown with corresponding nodes like 'NAD', 'LIN', 'IMD', 'QTY', 'MOA', 'PRI', 'block', 'UNS', 'UNI', 'UNZ', and 'UNZ'. A red arrow points from the 'Body_CustInvoiceTrans' element in the input to the 'block' node in the output, with a red circle containing the number '18' next to it.

19. Using the **Text** tool, add a script (*Line + 1;*) to the **value** element available in the **block** node, as it is shown on the picture below.

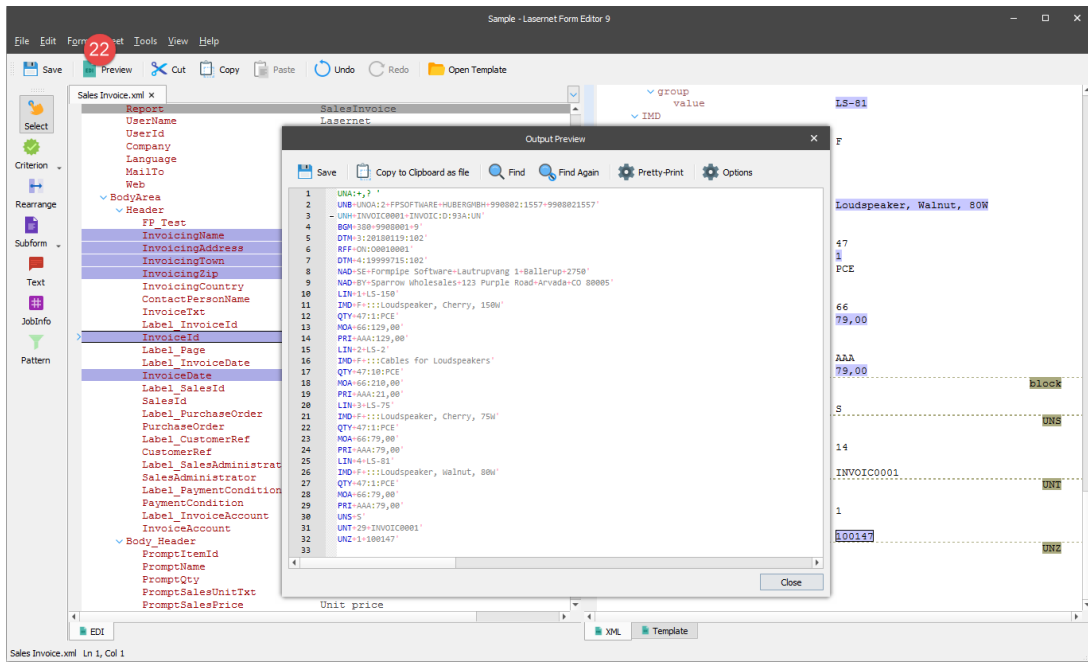
20. Add rearranges to the nodes of the **block** subform by dragging them from the input to the required elements in the output (for rearranges, see the picture below).



21. Finish editing the **value** nodes of the subforms you have added by dragging the rearrange (**InvoiceID**) from the input to the **value** element of the **UNZ** subform in the output, as it is shown in the picture below.



22. Once you are done, preview your final document by clicking the **Preview** button on the toolbar.



Attachments

- [38.-Subforms-XML-EDI-JSON.Inconfigx \(236.10 KB\)](#)

Comments (0)