Create NLS

By default, JAXFront uses the node names of the XML schema definition for the visualization of the schema nodes. JAXFront offers the following two options to adapt a GUI to a certain language:

- Input over the Type Editor dialog
- Input over the NLS Preview

Input over the Type Editor dialog

You can define a translation for each XUI-Element, using the Editor area (see 3.2). Other elements, dependent on the respective element type (SimpleType, ListType, ComplexType, etc.), are available for the translation (see table below).

Name 1	ST	STL	SG	SG*	SGL	CG	CG*	CGL
Tree entry	x	x	x	x	x	x	x	x
Heading	x	x	x	x	x	x	x	x
Leaf name	x							
Choice elements				x			x	
Lineinfo		x			x			x
TableLayout			x			x		
Error message	x							
Help text	x	x	x	x	x	x	x	x

 $ST = SimpleType, STL = SimpleTypeList, SG = SimpleGroup, SG^* = SimpleGroup as Choice, SGL = SimpleGroupList, CG = ComplexGroup, CG^* = CompleGroup as Choice, CGL = ComplexGroupList$

A typical NLS entry is structured as follows:

XPath%Context%detail=Translated Text

Examples:

purchaseOrder%caption=PurchaseOrder /purchaseOrder%treeEntry=PurchaseOrder /Product/price%label=Price /USAddress/city%label=City /USAddress/state%label=State /USAddress/street%label=Street /USAddress/zip%label=ZIP /purchaseOrder/@orderDate%label=OrderDate

/purchaseOrder/item[list]%lineInfo%0=Part Num. /purchaseOrder/item[list]%lineInfo%1=Quantity /purchaseOrder/item[list]%lineInfo%2=Price /purchaseOrder/item[list]%lineInfo%3=Total /purchaseOrder/item[list]%lineInfo%5=PRICE

Following context exists:

Context Name	Meaning	
label	A simple form label.	
caption	A simple caption for a composite group.	
treeEntry	A tree entry name.	
lineInfo%x	A column label for a table.	
tableLayout%x,y	A name for a label cell within an own table layout containing x and y coordinates.	

Typical NLS dialog

The structure described above applies to tree entries, headings, leaf names and elements which can be used in a Table-Layout representation. In the following Figure, some typical NLS dialogues, which follow this schema, are specified.

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_Tooltip	
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NLS dialog in the Table Layout

Property	Value
Туре	label
Formula	
Text	
Font Name	-
Font Size	
Font Style	-
Font Color	
×	2
Y	1
H.Align	fill 🔻
V.Align	center 💌
Row Span	1
Col Span	1
NLS (en)	
NLS (Tooltip) (en)	

NLS input field for an error message (screenshot)

Text	
	Root is: /purchaseOrder/@orderDate. Press CTRL+SPACE to get help (in node context start with '.' Plain

For a few elements, you cannot define a Tooltip text, and you need to use the special NLS dialogs. The elements without a Tooltip are:

- Elements within a selection list (Choice Type)
 Help texts
 Column/row names (LineInfos) of tables

The following figures provide an example of each element without a Tooltip:

NLS		
		text
	leaf	
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	anothe	

NLS for selection lists

de	
fr	
it	
en	

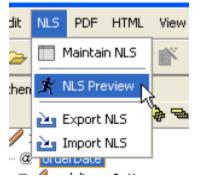
NLS anchor points for Help text

NLS	
🗌 en	

Input over the NLS Preview

In principle, the structure of the NLS texts is similar to the one described in the previous section (Input over the Type Editor dialog). The difference lies in the presentation of the NLS dialogs and their distributed appearance within the Editor area.

To start the NLS preview, select the NLS preview option from the NLS menu.



In this GUI, all the elements for which a translation is possible have a yellow border and an NLS Button.

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purchaseOrder	simpleGroup	NLS 🔺
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	name NLS	
	street	
	olty NLS	
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	B Yes No NLS	
	C_address NLS	
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NLS Editor If you click an NLS button, a corresponding *NLS dialogue* appears, depending on the element type. These NLS dialogues offer all the elements for which a translation can be created in this context (see figure below). This differs from the previous method (Input over the Type Editor dialog).

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NLS within a TableLayout The advantage of this preview is the proximity to the GUI in which it is used. You can quickly navigate between the individual translations. A translation can be made for elements that were not defined via Plugin or TableLayout (see the figure below).

≜ billTo		
Name		
Street		
Zip	City	
State	Country	US